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Repeater Journal

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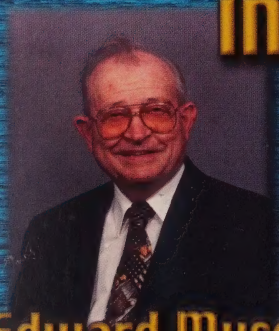
The Official Voice of SERA, Inc.

Nov., Dec. 2002, Jan. 2003 3.00

Some Of The Interesting Hams in SERA Territory



Edward Muse
W4EIM
Retired Railroad Telegrapher
Do you know when the railroads gave up telegraphy?

Sharon Spencer
KC8KVF
West VA Outstanding Amateur of the Year

Fritz Nitsch
W4NTO
Still Climbing at 83!

Also in this issue: FCC: No Ragchewing on 52? • ARRL Emergency Comm Course Review
Knoxville Hams Assist in Train Derailment/Chemical Spill
New RJ Writers: KY and VA Correspondents, Getting Started
Quit Reading the Cover - It's All Inside!

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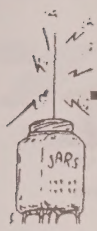

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SERA
The SouthEastern Repeater Association

Providing voluntary frequency coordination for Amateur Radio repeaters in Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia

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callsign@sera.org

Don't know who to contact? Send mail to:

info@sera.org

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SERA Membership

Full Repeater Membership
(A Membership for Repeater Owners & Sponsors)

Any repeater owner or club may join SERA as a Full Member if they have a properly coordinated and operating repeater on the air. A Full Membership application, coordination information (if not on file), and the correct membership fee should be submitted.

Two individuals representing the full member repeater, named and listed on the application by the owner, receive the *Repeater Journal* each quarter.

The two Full Member Representatives have voting privileges in SERA elections and may be eligible to hold elective offices within the organization. The full member repeater is also recognized as a SERA supporter in the repeater index with a ✪ symbol. A Full Member application is available in this issue of the Repeater Journal, and on the SERA web site: **www.sera.org**.

Full Member dues are $20/year, pro-rated by quarter. All full memberships expire on December 31st of each year.

Associate Membership
(A Membership for Repeater Users)

Amateurs Radio operators, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable you to support the organization and receive the *Repeater Journal*. Associate Members may hold appointive offices within SERA, but do not have voting privileges.

Associate Membership begins in the quarter you join, and dues are not pro-rated. Renewals are due in the same quarter in subsequent years.

Repeater Journal Mailing

The *Repeater Journal* is mailed Bulk Rate during the first week of the cover date. Delivery takes one to two weeks. Notify the **editor** if you have not received your copy by the 1st of the following month. **The Journal is *not* forwarded to new addresses. If you move, send your new address to the editor!**

FCC Enforcement: No Ragchewing on 146.52 Simplex

Gary Pearce KN4AQ

This is a story that ended almost as soon as it began. Four Amateurs in Ohio and one in Michigan received "Advisory Notices" from the FCC's Riley Hollingsworth in October, notifying them about complaints he received regarding their operation on 146.52 MHz simplex. The notice read:

> The frequency 146.520 MHz is customarily used, and is called for under the band plan, as a simplex calling frequency for Two Meter operation. Numerous communications from your station during the above dates have lasted from nearly half an hour to an hour.
>
> While band plans are not mandatory under the Commission's rules, the Commission depends upon them to minimize the situations in which Commission intervention is required, and they comport with good Amateur practice under our rules. Please review Section 97.101 of the Commission's rules (General Standards).

For the record, 97.101 says:

§97.101 General standards.

> (a) In all respects not specifically covered by FCC Rules each amateur station must be operated in accordance with good engineering and good amateur practice.
>
> (b) Each station licensee and each control operator must cooperate in selecting transmitting channels and in making the most effective use of the amateur service frequencies. No frequency will be assigned for the exclusive use of any station.
>
> (d) No amateur operator shall willfully or maliciously interfere with or cause interference to any radio communication or signal.

The advisory notice did not suggest that there was any malicious interference, it does not require a response from the Amateurs who received it, and it does not put their licenses in jeopardy.

The status of 146.52 MHz has been the subject of low-level debate among Amateurs for years. The ARRL *Repeater Directory* refers to 52 as the "National Simplex Calling Frequency." The band plan on the SERA web page calls it the "FM National Calling Frequency," while the *Repeater Journal* just calls it the "Designated National Simplex Frequency."

Some hams do think that 52 should be just what the band plans and most published recommendations say - a calling channel. Hams should make contact on 52, then move to another frequency for the remainder of their contact. But that's hardly a universal practice. In many areas of the country, hams routinely carry on their contact on 52, moving only if there is already activity on the channel. In many areas, there is little activity on *any* simplex channel, including 146.52. *QST* magazine has published letters and stories advocating that more hams monitor 52, and complaints from hams who drive cross-country that there is never anyone on 52.

One of the hams who received an Advisory, Charlie Gordon W8CHG, says that's exactly the case with his operation. Charlie operates 52 with a group of friends at their summer cottages along Lake Erie in the northwest corner of Ohio. All five letters went to members of that group.

Charlie told the *Repeater Journal* that he is aware that 52 is a "calling channel." And he doesn't dispute the assertion that the group sometimes spends more than a few minutes on 52. But he said that if it weren't for his group, most of the time the frequency would be empty in that area.

Steve Garwood N0CVZ, another of the Ohio hams who received Advisory letters, agreed. He recalled a discussion with a ham in the Toledo area who was adamant about 52 being a calling channel, but could only guess that's who complained. The only friction he could recall occured during a band opening when 52 was busy with stations covering a wide area. And he noted that there is a daily afternoon net on 52 in the Toledo area that had not drawn any criticizm that he knew of.

The letters spurred a brief frenzy of activity among ARRL officials in the Ohio section, and a lot of communication between hams, the ARRL and the FCC. Within a few days, Riley Hollingsworth decided to rescind the notices, writing to the five hams, ""We made an error in issuing that Advisory Notice, and you may disregard it." Riley concluded that there was not a strong consensus on the use of 52. He told the ARRL, "I don't consider it a big deal. I was just trying to raise awareness." The ARRL Web site report added that "the FCC has no intention of making band plan compliance mandatory."

HAM KICKED OFF REPEATER

In another recent enforcement letter, Riley told Billie Marshall N8ORF that he must comply with a request from the Toledo Mobile Radio Association to remain off of their W8HHF repeater. The repeater group said that Marshall failed to follow rules of operation set by the group for repeater users.

In this letter, Riley emphasized that repeater owners "may take whatever steps are appropriate to ensure compliance with the repeater rules." They may "close" a repeater, but they don't have to. The repeater can be "closed" to one individual. The letter continued:

> Please be advised that we expect you to abide by the request to stay off the W8HHF system and your failure to so after receipt of this letter will jeopardize your Amateur license. If you use the repeater again we will initiate enforcement action against your license, which may include revocation, forfeiture or a modification proceeding to restrict the frequencies on which you may operate N8ORF.

Marshall was required to respond to the letter within 20 days.

FIRE DEPT. KICKED OFF HAM EQUIPMENT

A fire chief in Bon Secour, Alabama, got an Advisory Notice about using ICOM V-8 handhelds that were modified to operate on the fire department frequencies. This

letter warns:

> Please be advised that all equipment used in the public safety service must be certified by the Commission and each unit must bear a certification label. The use of Amateur Radio units of any kind, modified to operate on your frequencies, would be against the Commission's rules and would result in enforcement action by the Commission.

It's no secret that most Amateur equipment can be easily modified to operate outside the Amateur bands. Hams and non-hams are tempted to use them for a variety of reasons - they're cheaper, more flexible and could mean carrying fewer radios around. But, they're not legal outside the ham bands except on MARS and CAP channels. Most hams understand this, though many talk as though they don't. Non-hams might not.

CHILDREN, CHILDREN...

A growing number of enforcement letters highlight childish behavior on the part of repeater operators *and owners*. The latest example is a letter sent to Gerald Hogue KD5CYA in Conway, Arkansas.

Hogue's repeater has been involved in an interference dispute with another repeater (AC5RU) that was previously reviewed by the FCC. Riley's conclusion was that both repeaters were responsible for solving the problem.

So what did they do?

> Information before the Commission indicates that the interference has worsened, appears to be deliberate and coming from users of your repeater. We note that... you stated that you intended to ignore the interference problem.
>
> We note also that although AC5RU utilizes tone control, you have declined to use tone control on the KD5CYA repeater, and that the KD5CYA repeater apparently uses an automatic voice identifier every few minutes even when there is no traffic on the repeater, which identification includes the statement that the KD5CYA repeater is the "only coordinated repeater..."

Using a repeater ID to tweak the nose of a co-channel "competitor" has happened before. Earlier this year, Riley chastised a Tennessee repeater for the practice. In this case, he's requiring the repeater owner to supply lots of information about what is being done to eliminate the interference:

> 1). Describe in detail what, if any, steps you have taken to mitigate the interference to the AC5RU repeater.
>
> 2). What instructions or guidance have you given to the users of the KD5CYA repeater in regard to mitigating the interference to the AC5RU repeater ? State the date and content of the instructions or guidance, and if in writing furnish a copy.
>
> 3). Describe the configuration, including power, control points, methods and timing of identification announcements, and antennas, of the KD5CYA repeater system.
>
> 4) Describe in detail any changes made to the KD5CYA repeater system since our February 19, 2002 letter.
>
> 5). List the names, addresses and phone numbers of all control operators of the KD5CYA repeater system.
>
> 6). If no specific action has been taken by the KD5CYA repeater group to mitigate interference to the AC5RU repeater, you are requested to furnish a detailed, written plan, over your signature as licensee of the KD5CYA repeater, on or before September 1.

And finally, Riley told them to turn off the ID when the repeater isn't being used, and begin using tone control. If they don't, they'll lose their privilege of using automatic control (a live control operator will have to monitor the repeater whenever it's on), and the FCC will begin enforcement action against the trustee and users who continue to cause interference.

FCC enforcement for Amateur repeaters is a relatively new phenomenon, with a steady stream of cases only in the past two years. Sooner or later, some repeater owners and operators might begin to recognize themselves and grow up before they're hauled to the principal's office. ■

MS Society Thanks East Tennessee Hams

Amateur Radio Operators through SERA territory and the country help the MS Society with communications for walks and bike tours, including the grueling MS 150, a two-day, 150 mile cross-country trek. This year, hams in the Knoxville area had a little extra work to do when a train derailed near the MS 150 route, spilling acid and creating a dangerous cloud. For details on the ARES response, see Bob Gault's "Tennessee" news column in this issue.

TRAIN WRECK / CHEMICAL SPILL ADD EXCITEMENT TO BIKE TOUR COMMUNICATIONS

Angela S. Montgomery N4RPR
Fundraising Manager
Mid-South Chapter
National Multiple Sclerosis Society

As director of one of the largest special events in East Tennessee, I want to offer my deepest appreciation and gratitude to some of the area amateur radio operators.

On September 14-15, 2002, the National Multiple Sclerosis Society MS 150 Bike Tour, *"The Great Tennessee Get Together,"* was host to more than 150 registrants pledging in excess of $50,000 to help fight the devastating effects of MS. This event had start sites in Knoxville and Chattanooga, meeting in Sweetwater for an overnight celebration and returning the next day. I am the fund-raising manager for the Knoxville Regional Office and the director for this end of the event.

Besides being one of the longest names for a special event, the MS 150 is also one of the most time consuming. Planning starts the day of the last event – a year in advance. My list of logistical details is well over 50 pages long and not everything is in writing.

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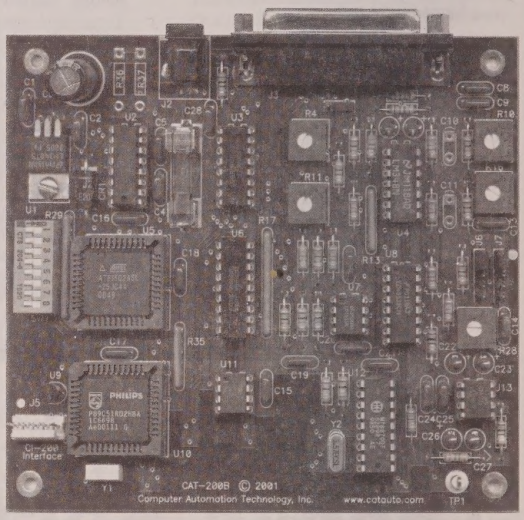

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Grand Prize: Yaesu FT-897

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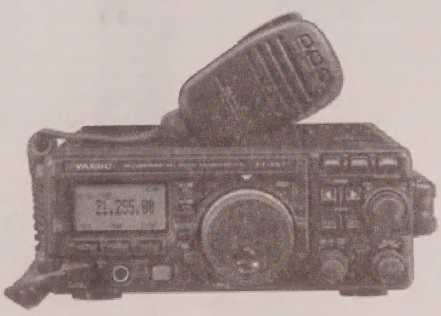

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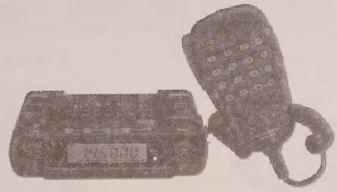

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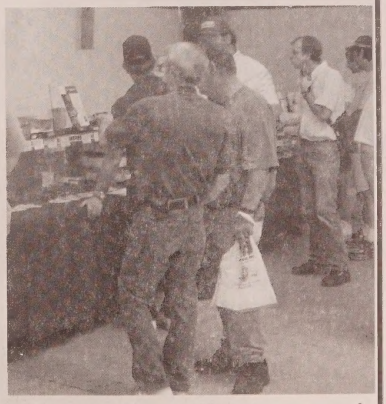

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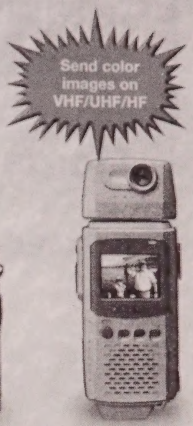

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Fortunately for me, I have a wonderful group of amateur radio operators that assist me year after year. These hams act as SAG wagons (support and gear), leader, sweep truck, supply truck, rest stop volunteers, safety marshals and numerous other positions beyond providing communications.

Several years ago when I inherited this position, I sought help from one of the local clubs only to be told that the hams could only do radio. They could not transport anyone or anything, they would only drive their own vehicles, nor could they do other tasks that I know hams had helped with in the past. This would cause me to have two volunteers in every position, one to do the work and one to talk about it. This being unacceptable to me, I went outside the boundaries of any club and called on ham friends that I could trust. These individuals have now evolved into the Blount County Emergency Communications Service (an ARES group). This group is unbelievable.

On Saturday morning before the start of the tour, the hams make me aware of any potential dangers along the route, from fog to dogs. I am kept apprised of rest stop situations, where the lead and rear cyclist are located, and many other important details that are invaluable to me. And most importantly they will notify me if there are any crisis situations that need my immediate attention. My position is a lot less stressful knowing there are extra ears and eyes during the tour weekend.

On Sunday afternoon of this year's tour, things were a little more exciting. We had planned for medical emergencies by having Rural/Metro Ambulance services at every rest stop. We had planned for mechanical emergencies with an official bike shop mechanic at each stop. We had even planned for weather situations by having shelters pinpointed along the route, and the hams were periodically monitoring the weather bureau for updates. The National Multiple Sclerosis Society Crisis manual was on hand and we thought we were ready for anything.

As I was dealing with a dog situation (reported to me by the hams), a far more severe potential hazard was taking place five miles from our route. A train derailed carrying sulfuric acid. This was not in my director's manual. Luckily again for me, the hams kicked into emergency mode. Several used a map to ascertain the proximity of the "the cloud" to the few cyclists that remained on the last seven miles of the route. We also consulted the Emergency Response Guidebook for guidance in dealing with the chemical.

Although we were outside of the suggested evacuation zone, I decided to close the tour and move the cyclists to safety. The hams acting as SAG wagons immediately combed the route, picking up the remaining ten cyclists and transported them to the finish site. Cyclists already at the finish site were made aware of the evacuation by the hams on-site. We didn't want to send them home if they lived within three miles of the derailment. Everyone was accounted for and safe, thanks again to the hams.

Not Finished Yet...

After working for two days on this tour, some of these hams weren't done. No, instead of going home and crashing, they went home to restock, get additional equipment, and proceeded to assist with the train derailment, providing communications at the various shelters.

I would not attempt a special event without the assistance of the amateur radio operators. Their professionalism during all situations ensures the safety of the participants and thus the success of the event.

Now to be honest, my opinion is a little biased. For many years, I was on the other side of the MS 150 Bike Tour, providing the communications for the director. Not only am I proud of "my" hams, they make me proud to be one of them.

A big thank you to Tim Berry WB4GBI (SERA Tennessee Director) for the use of the Knoxville 146.940 repeater system the entire weekend, *without fail,* and to the following for assisting as SAG wagons (3), leader, supply truck (2), sweep vehicle, directors, safety marshals, and the many other tasks I asked of you:

Jason Blalock – WA4CDC
Mary Blalock – KG4NWX
Eddie Burchell – N0HQY
Angie Coffey – KG4DSP
Rick Coffey – KF4QVI
Chuck Fullgraf – KE4OAR
Clarence Goins – N4OAT
Helen Goins – KD4HYS
Craig Graham – KD4ZEA
Merle Growden – KD6FBT
Eddie Henke – KB9EBA
David Hoffman – KE4FGW
Tim Montgomery - KE4OTZ
Tommy Ogle – KE4WFJ
Jason Roach – KF4VDX
Terri Steele – N4NSY
Bob Wightman – KF4UHZ
Paul Wightman – KF4UIA
Dawn Wilson – KE4WFM
Jerry Yares – WA4DBH

For more information about the National Multiple Sclerosis Society or the MS 150 Bike Tour, please contact the National Multiple Sclerosis Society office in your area: 1-800-FIGHT-MS, option #1. ■

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ARRL Classes Go Beyond the License Test

Mary Holtschneider KG4OQA
KG4OQA@arrl.net

As a relatively new ham, I was intrigued back in the spring by the **ARRL Certification and Continuing Education Program** that I saw advertised on the ARRL website. This program was approved by the ARRL board of directors in January 2000 and was designed to provide structured courses and certifications for hams wishing to continue their education beyond the licensing exams. ARRL members who participated in an on-line forum overwhelmingly agreed that emergency communications courses should be developed first. This led to the Amateur Radio Emergency Communications Certification Course (ARECC).

Currently there are three levels of the ARECC with each level lasting a maximum of eight weeks. I began in the spring with Level I and completed Levels II and III over the summer. Level I, the introductory level, includes an overview of emergency communications, ARES/RACES, and served agencies. It also encourages participation in traffic nets in order to perfect communication skills.

As a student, you are assigned a mentor with whom you communicate via email. A mentor is typically an experienced ham who has been through the on-line course and is there to review assignments, offer guidance, and monitor student progress.

In addition to several assessment exams, the student has a variety of activities to do in each course, and many of these have to be reported to the mentor for successful completion.

Some of the activities in Level I include composing and passing traffic on a traffic net; researching served agencies in the local area; making contact with local ARES/RACES officials; researching local SKYWARN activities; preparing Go Kits for 8, 24, and 72 hour deployment; and maintaining a working knowledge of personal radio equipment.

My mentor for Level I was Sterling Eanes, AK1K, a long time ham from Nashua, NH. We had several e-mail discussions about the importance of being very familiar with one's own personal radio equipment so that it can be used in emergency situations with ease. For example, we discussed how people often have trouble programming PL tones into their radios due to the complex nature of the new equipment on the market. As I was having this problem, Sterling suggested practicing this skill at least once per month so as not to forget it.

Mary Holtschneider KG4OQA is surrounded by students at a Raleigh Amateur Radio Society class as she operates as Net Control for the club's 8:00 net.

He also shared with me his Go Kit checklist, which I used to prepare my own. Prior to seeing his checklist, I had focused on the obvious things to put in a Go Kit, such as extra batteries, personal items, radio accessories, food, and water. Some of his helpful suggestions included adding a repeater directory, local emergency procedure references, and money in both bills and coins.

The Level II class includes more advanced topics, such as learning to be a good net control station, organizing and working effectively with volunteers, working with public safety officials, researching net manager responsibilities, and training other hams. Level III goes further into leadership development, and deals with ARES/RACES management responsibilities, building a local ARES group, designing a local emergency response plan, effectively leading volunteers, FCC rules, alternative radio systems, and what to expect in large-scale disasters. Students may choose to only complete Level I, or only Level I and II, or all three levels as each course is a stand-alone course.

Would I recommend this series of on-line courses? Absolutely, but only to those who are willing to work in an on-line environment. If you have never taken an on-line course before, there are several things to consider.

First, all the lessons are self-paced, which means as a student you must have a certain amount of discipline. Waiting until the last minute to complete tests and assignments is not a good idea with these courses.

As the entire course is totally accessible from the first day, students can look at all the required activities and plan accordingly. For example, some of the activities require contacting others (such as local ARES/RACES officials) and waiting for a reply. Since a reply from someone else is not in the student's immediate control, that would be one activity that would need to be done while there is still plenty of time remaining in the course. I was able to complete everything without too much trouble, but a true procrastinator might run into difficulty.

Second, a good mentor/mentee relationship is essential. Since the student and mentor are only communicating via e-mail, both must check e-mail on a regular basis and respond efficiently.

If both student and mentor are enthusiastic about the learning process, then the course can be a great experience rather than just a mediocre one. Sterling was a

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shining example of a mentor. We had many on-line discussions about his participation over the years in Field Day activities and public service events. His enthusiasm added tremendously to my enjoyment of the course, and I have since volunteered to be a mentor for ARECC.

Third, since these courses are serving hams with a wide variety of backgrounds, some of the information might be too basic for some, yet very advanced for others. I was lucky enough to couple my Level I course with **NTS Traffic Training,** a special training program that we do in the Raleigh/Durham area in which an NTS Traffic Instructor pairs up with a student and sends a series of traffic training messages over a nightly net. Bob Woodson WX4MMM was my NTS Traffic Instructor and taught me all the basics of proper traffic handling.

NTS Traffic Training Supplemented ARRL Course

The training consists of a series of messages in NTS format. Bob sent each message just as formal NTS traffic would be sent, thereby role-modeling good traffic handling procedure. *The messages themselves are the training,* containing information on net participation, the parts of an ARRL Radiogram, and proper message handling. Some of the messages direct students to compose their own messages and pass them on a local traffic net.

This program helped me tremendously as I learned in a non-threatening way about the NTS system and how to handle traffic. After I completed all of the messages, I felt highly prepared to participate in our local traffic net and have confidence in my skills if they are ever needed in an emergency situation.

The message set is available to anyone interested in starting their own traffic training. Contact Jeff Wittich AC4ZO at **ac4zo@arrl.net.**

Grant Makes Free Training Available

In July, the ARRL received a $181,900 homeland security grant from the federal government to be used for training amateur operators in emergency communication. The ARRL is currently using this grant money to fund candidates nominated by their Section Manager to take the Level I course and then be mentors to future students. This funded training will soon be available to those with field appointments as well as other amateur operators wishing to take the course. For further information on this grant or to participate as a student, please contact Dan Miller K3UFG at ARRL Headquarters, **dmiller@arrl.org.**

The ARRL offers other courses on-line, including HF Digital Communications, Satellite Communications, and Antenna Modeling. The ARRL has partnered with the Connecticut Distance Learning Consortium (CTDLC) to provide these on-line courses.

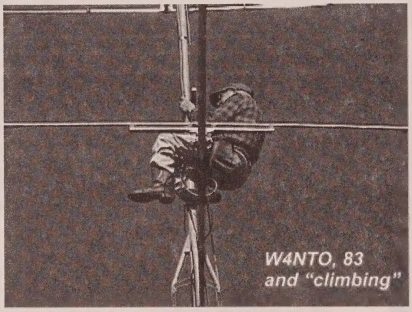
If the on-line environment does not seem like it would work for you, but you would still like to participate in a course, the ARECC is also offered as a self-study with a hard copy manual. There are also instructors who offer the ARECC as a regular classroom course.

I commend the ARRL for developing a variety of classes with different learning methods, as one method does not work for everyone. The on-line environment with its high degree of flexibility is especially helpful for those with reliable computer access, and I would encourage those with an interest to try one of these courses and evaluate it. ■

My Friend "Fritz"

Repeater Journal COVER STORY

Roger Gregory
W4RWG


W4NTO, 83 and "climbing"

Every now and then you run across someone who seems just "too good to be true" - someone who is always in the center of activities, the "hub in the wheel" so to speak. We all know if the hub does not turn, neither will the wheel.

Every amateur radio club has that one person who is always willing to help out others, give of his or her time, comes to all the meetings, goes above and beyond what is expected, and is always willing to do what it takes to get the job or project done. Someone about whom we would say: how could we survive without him.

The Spartanburg Amateur Radio Club has a member that SERA wants to recognize. He is Reynold L. Nitsch W4NTO, whom we all know affectionately as "Fritz".

Although Fritz was 83 years old July 21st past, one cannot tell it by his appearance or his actions. He still climbs towers, if they are not over 100 feet high (Fritz says, "A Man has to know his limits").

An Extra Class Licensee and avid CW operator who uses a straight key and sends and receives CW at 20-25 words per minute, Fritz was first licensed in 1945 as W4NTO (No Time to Operate), a call he has kept through the years. Fritz helped organize the Spartanburg Amateur Radio Club in May of 1952. He is still very active, is a life charter member, and a permanent member of the board of directors. He is a life member of the ARRL and a Volunteer Examiner with the ARRL-VEC where he supervises the code test.

Fritz was born in Rochester, New York, where he lived until he was drafted into the army about 6 months before World War II started. He was assigned to Camp Croft in Spartanburg, SC, where his duties included teaching code. It was there at a USO party that he met his future wife, Virginia, a beautiful Southern Lady who was a school teacher. As Fritz tells the story, Virginia owned a 1940 Ford Coupe, and that made him mobile, even though he did not know how to drive. But Virginia taught him well. He still does not go over 45 on the interstate.

After a couple of years, he landed on Normandy beach, approximately D-day +14. He served throughout the European campaign in the Infantry, but primarily as the NCO in charge of communications on the staff of General Hines. Fritz distinguished himself during several of the campaigns from Normandy to Berlin, and for his per-

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formance was awarded the Bronze Star.

Returning to Spartanburg after being discharged, he went to work as an engineer for WSPA Radio. After working there for several years he took a position with the FAA at the Spartanburg Airport where he remained until his retirement in 1980. His responsibilities there included maintaining the airport Glide Slope, Omni Beacons and other related gear.

An avid tinkerer, Fritz still builds antennas and other equipment from scratch. He enjoys restoring and talking on Vintage AM equipment. To put it in his words, "has it got tubes in it?" I have been told Fritz still owns the radio he built in the 1930's and it still works. Not only did he build it from scratch, but did it without a schematic or diagram.

I have also been told that Fritz does not own a television set. He gets all his news from the BBC World Service by Radio. He claims the BBC gives much more complete coverage, and is more impartial.

He is famous in the upstate for his "beverage can antenna." Fritz makes his "can run" most every morning on the road beside his house and picks up discarded cans. The antenna can be ordered in several versions, "Beer Cans", "Coke or Pepsi Cans" and even "Juice Cans" - what ever fits your fancy. I hope he will make one for me.

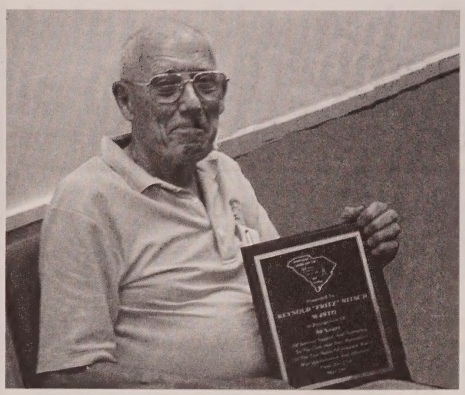
Fritz also volunteers much of his time to the Piedmont Chapter of the American Red Cross. According to Pat Elliott, Director of Emergency Community Services, "You name it. Fritz does it. I would probably leave here if it were not for his help," she said.

A volunteer for the Red Cross since 1979, he runs shelters, does damage assessments, provides family services, takes care of communications, and anything else that needs to be done around the chapter. Ms. Elliott told me that it doesn't matter if it is 10 am or 3 am he is ready to go anywhere and do what is needed. He will work sometimes 10 days in a row on disasters. He was in Conway when Hurricane Hugo hit. His main responsibility there was setting up a Red Cross communications network.

Fritz has received numerous commendations for his work and dedication. Among those are:

- ◆ The Clara Barton Honor Award for Meritorious Volunteer Leadership, 1984.
- ◆ The U.S. President's Volunteer Action Award, 1991.
- ◆ The Roanoke Division Service Award for his lifetime service to the Public through Ham Radio, 1988.
- ◆ The Service to Mankind Award, and the Sertoma Battleground Award, for his volunteer efforts with the American Red Cross, The Spartanburg Amateur Radio Club, and the Spartanburg County Emergency Preparedness Division.

Most recently he received recognition from the Spartanburg Amateur Radio Club for 50 years of service to the club. 1952-2002.



So my friend Fritz, my hat is off to you. I wish you many more years doing what you like to do. You are a special person, a great ham, and I will say to you what many of your friends have said to me since I have been gathering information on you, "Seldom in one's entire life time do you meet as good a man as Fritz.

I want to thank Fritz's friends in Spartanburg and Union for assisting me in gathering information for this article. ■

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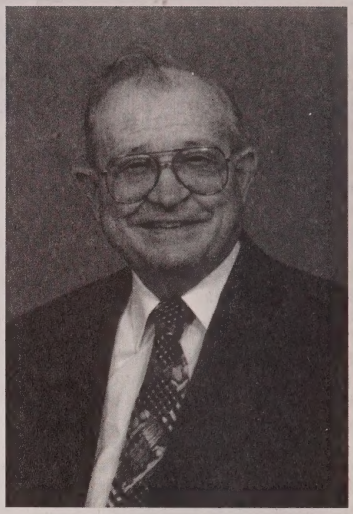
W4EIM Remembers the End of *Wired* Telegraphy

Repeater Journal COVER STORY

Gary Pearce KN4AQ



Edward Muse W4EIM, retired railroad telegrapher, lives in Kernersville, North Carolina

If you're a Morse code fan, you probably know that the last holdouts on on-air Morse phased out their operation in just the last few years. The Coast Guard and Merchant Marine replaced cw with satellite-based digital and voice radio, and the last commercial cw stations have closed up shop.

But can you guess when the last *landline* Morse operations yielded to newer technology?

Edward Muse W4EIM, of Kernersville, NC, was a telegraph operator for the Norfolk & Western Railroad for 18 years, until about 1967, when that company made the switch to teletype and computers. Of course, the railroads were one of the first industries to adopt that new-fangled communications technology, back in the mid 1800's. That gave wired telegraph a commercial run of over 100 years, well into the era of telephone and radio communications.

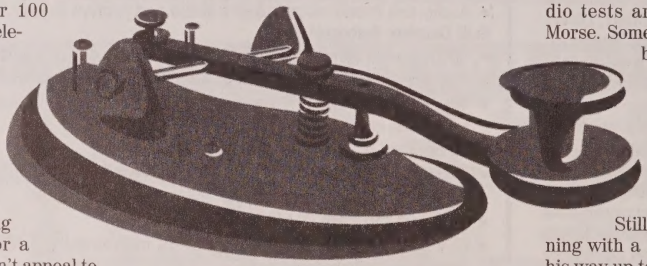
Edward got into telegraphy in 1949. Fresh out of the Navy and looking for work, he was hired by a Virginia coffee company to bag coffee, and then tried working at a furniture factory for a short time. Those jobs didn't appeal to him, and he was about to head back to the Navy when he saw an ad for telegraph operators at the Norfolk & Western. They'd even pay for you to learn to copy code!

So he signed on, and was placed in small offices in Virginia where there wasn't a lot of traffic until he built his speed up. The code didn't come naturally. He said he "had it tough for a while, but gradually picked up speed." Eventually he worked his way up to around 30 words per minute, and worked his way around many railroad offices in Virginia and North Carolina. In those days, there was a telegraph operator at every railroad station, in towns large and small.

The older telegraphers accommodated new operators. They followed the same rule that hams do on cw – send at the speed the receiving station can copy. If there was an important message for a railroad office and a new operator was having trouble copying it, one of the more experienced operators down the road would copy along, and call the new guy on the telephone to fill him in. But they tried to avoid doing that, or the new guys would never build up speed and accuracy.

Wait – call on the telephone? Well, yes. By this time, the railroads had installed their own telephone networks, and the offices in larger towns had the "city" phones, too. So why keep the telegraphers? Edward said that the telegraph network was more reliable, though the telephone system got better as time went by. A lot of it was tradition. And you didn't fix it if it wasn't broken.

Like many telegraph operators, Edward preferred using a Vibroplex "bug." He started with a straight key, but never got too good on it. Code proficiency was a matter of pride with telegraphers, and of course some were better than others. Edward makes no claim to being a Morse superstar, saying only "I managed to get by." But he could usually recognize who was sending on the other end of the wire without hearing their name or "callsign," just by their sending style.



Eventually, technology overtook the railroad telegraph. The operators were not happy about it, but the railroads turned more and more to the telephone and teletype. Radio provided communications to moving trains. The telegraph operators retrained themselves for other jobs. Edward said he wasn't much of a typist, but he learned to hunt & peck on the teletype, eventually building up his speed on that, too. The telegrapher's union was merged into the clerk's union, and the job of skilled telegrapher, at least for the railroad, was gone.

Edward became a ham in 1963, with the help of a railroad agent in his office in Winston-Salem. His knowledge of the Morse code wasn't as helpful as you might think – he knew American Morse, and ham radio tests are given in International Morse. Some of the letters are the same, but many are different. International Morse uses pauses instead of dits and dahs to complete some characters. And he had only heard code on a clicking "sounder," not the musical tones of cw. Still, he was successful, beginning with a Novice ticket and working his way up to Extra.

Edward couldn't supply any insight into an old ham radio mystery – the origin of the term "ham." Although there are many stories floating around, the most credible history notes that "ham" was used by 19th Century railroad telegraphers to denote a new operator on the wire, one who didn't have much proficiency yet. The Norfolk & Western telegraphers of the mid 20th Century didn't use the term.

Today, Edward is sad to see Morse code's diminished place in Amateur Radio. "I really hate to see it go," he said, "By cutting out code, we may be getting some undesirable operators." But he is also concerned about the dwindling number of active hams – especially young hams – as reflected in the tests he gives as a VE. Dropping the code, he reluctantly admits, might help attract young people who are turning to computers and the Internet. ■

WV State Legislator Named Outstanding Amateur Radio Operator of the Year

Jim Damron, N8TMW
Public Information Coordinator
WV Section, ARRL
n8tmw@arrl.net

(Weston, WV, August 24, 2002)

Repeater Journal COVER STORY

WV Legislator and Amateur Radio Operator Sharon Spencer KC8KVF was named **West Virginia Outstanding Amateur of the Year** at the annual West Virginia State Amateur Radio Council's American Radio Relay League State Convention at Jackson's Mill in Weston, WV. The award was bestowed on Saturday, August 24, 2002. She was overwhelmingly chosen from a field of four nominees for the honor. In addition, Spencer received the Council's *Special Achievement Award* at the Convention.

Spencer was recognized for helping focus more governmental attention to the public service Amateur Radio Operators provide to their communities, most notably in times of disaster. She was especially recognized for her work in introducing and pursuing the successful passage of the Amateur Radio Antenna Protection Act, which was signed into law by Governor Bob Wise on March 7, 2002. The law requires counties and municipalities to "reasonably accommodate" Amateur Radio Communications when enacting or enforcing ordinances dealing with antennas, and that such ordinances must comply with Federal Communications Commission (FCC) regulations.

"I can't believe this," said Spencer. "I am so honored by these awards. There are so many Amateur Radio Operators deserving of this recognition. That my peers would choose me - a relatively new ham - is so humbling indeed. I am so proud to be a ham and so happy I'm able to contribute to the Amateur Radio Service. Thank you so much!"

Sharon Spencer, who resides in Charleston, has served in the WV Legislature as a Member of the Kanawha County House of Delegates for over 17 years. She is the only member of the Legislature who is a ham. She is a kindergarten teacher and the mother of seven children. She became an Amateur Radio Operator in 1998, inspired after seeing ham radio operators at work during severe flooding in her county that summer. She is active in the Amateur Radio Emergency Service (ARES), the Kanawha Amateur Radio Club, and is Affiliated Club Coordinator for the ARRL West Virginia Section. ■

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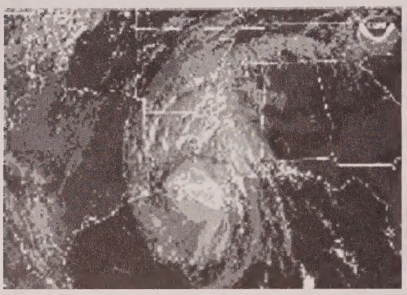
Raleigh IRLP Node Helps National Hurricane Center Track Lili

This report is reprinted with permission from the KD4RAA.net web page

Just seven days after Isidore made landfall as a strong tropical storm, Category 4 Hurricane Lili threatened the Louisiana coast on October 3, 2002. Lili was the first hurricane to make landfall in the U.S. since 1999. Forecasters were concerned that Lili could be a potential disaster for much of coastal Louisiana with 145 mile-per-hour winds and up to a 20-foot storm surge predicted.



Robert Broderick WE4B and John McHugh KU4GY in Miami had corresponded earlier in the week with Danny Musten KD4RAA in Raleigh to use the IRLP (Internet Radio Linking Project) East Coast Reflector 921 to coordinate an IRLP-Skywarn / Hurricane net. Using the Reflector would allow all of the participating repeaters and nodes in the affected area to be linked and be heard simultaneously.

"Emergency response was one of the primary reasons that we established the East Coast Reflector," said Danny. "We were excited that this new technology that links repeaters nation-wide and beyond could be activated for this purpose".

Amateurs operating the W4EHW station at the National Hurricane Center in Miami began receiving reports as Hurricane Lili approached the Louisiana coast. Hams operating through IRLP nodes in Lafayette, Baton Rouge, Abbeville and Greenwell Springs linked to the East Coast Reflector. Bob Broderick WE4B in Miami acted as net control for the IRLP-Skywarn net and liaison to the Hurricane Center. Officials even reported in with their HT's from the Baton Rouge Red Cross as well as from the Louisiana Office of Emergency Preparedness.

"With this storm, we established another milestone in W4EHW's history," said, John McHugh KU4GY, coordinator for Amateur Radio at the NHC. "Using the Palmetto Radio Club repeater that was connected to similar repeaters in Louisiana via IRLP, we were able to collect weather reports from stations in the affected area that do not have HF radios."

StormStudy weather specialist John Van Pelt K4JVP, at the invitation of the Hurricane Intercept Research Team, traveled from Raleigh to Morgan City, LA, with hopes of reporting back first-hand via the IRLP. The Lafayette repeater was out of range of his coastal location, but John was able to give measured reports via patch through Raleigh IRLP node 427, which was connected to Reflector 921. WE4B stated that the "patch reports from John K4JVP - the hurricane specialist in Morgan City - were very well received by the NHC in Miami".

During the Net, an occasional stray node from Australia or the UK would link to the Reflector to start a QSO, and would be immediately escorted off. That duty fell to the hands of Jim Price WW4M and Jack Thorpe WA0ERX in Raleigh, Nate Duehr WY0X in Denver, and Paul Cassel VE3SY in Petersburg, Ontario Canada, who monitored the Raleigh Reflector for 24 hours to block any node that might interfere with Net communications.

Jim Price, WW4M commented that, "Because IRLP is linked worldwide, stations from unaffected areas as far away as Ontario and Colorado were able to respond to this emergency as net control operators, which freed up stations in Louisiana for other matters. If the Reflector is ever needed 24 hours per day for several days to respond to bigger disasters, we could even bring in fresh control ops from Australia to work the late shift when it's the middle of the night in the U.S."

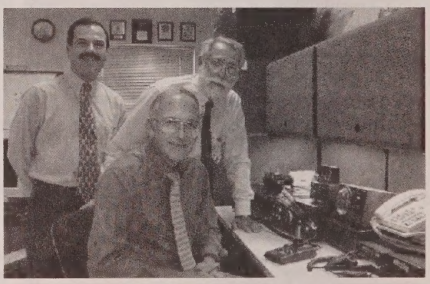
Net traffic on Reflector 921 was also monitored locally in Raleigh on the K4JDR-KD4RAA group repeaters as well as in Wilmington. Joe Landers KE4EUE reported from the Wakefield Virginia node/repeater that officials from the National Weather Service and Virginia State Radio Officers were monitoring and on standby to offer health and welfare if needed. Other IRLP nodes from adjacent states were listening in on the Hurricane Net, many of which were ready to offer any needed assistance.

As a bonus, folks could listen via the internet to keep up with the traffic on Reflector 921. There were streaming audio feeds made available to the internet from the W4ATC Student Amateur Radio Society at NC State University and Live365 from VE3SY. With Lili receiving national attention, many were anxious about this storm. Fortunately it was downgraded to a Cat-2, but K4JVP reported that "over a half million people in Louisiana were without power. Tree damage was massive. It would have been devastating if the storm had come in as expected on Wednesday night."

Robert Hobbs N5ULA, EC for East Baton Rouge Parish, offered his thanks for all the help during the Net. "It showed a lot of the guys here locally that it (IRLP) can and will work. Maybe now we can expand our node coverage in more of the coastal cities that will be a big help next time. I really want to get nodes up in Slidell and Lake Charles so that the Amateur Stations at the NWS offices in both cities can have access. We have our work cut out for us, but with a winning track record now I feel it will be a little easier."

In North Carolina, the KD4RAA-K4JDR repeater group plans to soon add the K4OBX Outer Banks and Morehead nodes to the existing N4JDW nodes in Wilmington to aid in storm reporting and emergency preparedness along the coast. Other states are also considering IRLP nodes for reporting to the National Weather Service and Emergency Management.

Information or requests to use the East Coast Reflector 921 can be emailed to: **ref921@kd4raa.net.** IRLP is the creation of Canadian Ham, David Cameron VE7LTD.



Max Mayfield, Director of The National Hurricane Center with Julio Ripoll WD4JR & John McHugh KU4GY (center)

Resources:

www.fiu.edu/orgs/w4ehw/
W4EHW at the National Hurricane Center

www.irlp.net
Internet Radio Linking Project

www.kd4raa.net
IRLP Reflector 921

www.stormstudy.com
K4JVP's weather education project

w4atc.ncsu.edu
W4ATC NC State Student club - SKYWARN streaming audio

Murphy to Manteo: Repeater Message Relay - 25 Years Later . . .

"De javu, all over again!"

Herb Lacey, W3HL

This article was first printed in the CVRA Journal (Carolinas-Virginia Repeater Association – now, SERA) in 1987. It covered an event that took place ten years prior, 1977. The article is the same except for noting the Silent Keys (SK) and new call signs.

It is now 25 years since that time. Hopefully, this event, in the early years of Amateur repeaters, will help new Amateurs to appreciate some of our history and times.

Many of you licensed Amateurs have become so in the last 10 years. In these days of burgeoning technology, we all tend to forget our roots — all the stages of development in the radio art from the beginning pre-license days of 1912 with spark transmitters, etc. This article talks about an event in our history involving FM and repeaters. Today, that event would hardly be noticed; in 1977, it was one of the early, unaided steps in the progression toward FM/repeater adulthood.

✪ *Murphy*

Having been Section Emergency Coordinator for NC (seeing Amateur Radio as a public service force), a challenge was recognized as being ripe for the plucking.

Here is what a number of us saw in mid-1977. Discussions among NC Amateurs on the Tar-Heel Emergency Net (THEN, 3923 kHz, 1930 local), on the Emergency Coordinators Net and at various hamfests and gatherings was the realization that repeaters were an untapped potential of strength for Amateur Radio. You must adopt the 1977 context for that perception. There were far fewer repeaters then. None were on tall (2,000') towers; few were on mountains. Two meter rigs were crystal-controlled. All were crystalled for their "home" repeater and '52 (and maybe '94). A few rigs were crystalled for adjacent repeaters. Almost no rigs were synthesized. Synthesizers were being built, but only by several leading-edge gurus; most of us were "rock bound." Today's grand, do-everything rigs were just wild fantasies of the few who had active imaginations. Still, repeaters seemed to be - from a public service point of view - a sleeping giant, ready to be awakened.

During the spring and summer of 1977, a large number of NC Amateurs began formulating a scenario to test this challenge. We asked: what if someone originated a piece of formal traffic at one end of North Carolina and began to relay it via local and adjacent repeaters, reminiscent of the early days of HF radio. Could it be successfully relayed via these repeaters to the other end of the State, 500+ miles away? Good question. Was this a serious test? Was it premature? One thing we did know: the cost of the test would be nothing. So, why not try?

We recognized that for the test, persons would have to monitor their local and adjacent repeaters during the test. We saw that the test would have to be coordinated Statewide. Clearly, that was a good use for our HF emergency frequency of 3923 kHz. We also had two stalwart traffic people, Bill Williams, W4PCN, in Manteo and Jim Foust, K4AIH, in Murphy (both now Silent Keys). I was asked to write a letter requesting their participation as well as the formal declaration of the plans. The text of the August 3 letter follows:

> As a result of a number of conversations over several months on the North Carolina Emergency Coordinators Net, we have decided that 2-meter repeaters give North Carolina more communications capability than we probably realize. Also, we acknowledge that a Murphy-to-Manteo (and back?) test sometime would cost us absolutely nothing - and, in addition, we would see our true capabilities in better perspective.
>
> Therefore, we propose to attempt a Murphy-to-Manteo, 2-meter repeater, message relay test on Tuesday evening, October 18, 8:30 p.m., EDT. The date, day, and time were chosen to:
>
> 1.) allow time for dissemination of details about the test State-wide,
>
> 2.) be a weekday night, and
>
> 3.) be after the Tar-Heel Emergency Net (THEN, 3923 kHz) is normally over. 3923 kHz is to be utilized for message tracking - *not assistance.*
>
> We believe that a message begun at one of your stations - let's say Murphy and K4AIH - sent to the other - Manteo and W4PCN - should be relayable across the State. We have no guess as to how long it will take or what route it may find. These answers will come as a result of the test. However, the premise is based on the fact that many garden-variety 2-meter rigs are crystalled-up for adjacent repeaters as well as their own. This opens the door for the relaying of messages from one repeater to another, moving the traffic across the State.
>
> Of course, to be successful, each link in the chain must function properly. All we can say at this time is that we (the NC Amateurs) will try to make it happen. The first thing we need is for you two gentlemen to agree to be the "extremities" in the test. Once you do that, we, through Bill Parris, K4GHR (now AA4R), SCM (Section Communications Manager, now SM) NC, the many repeater sponsors (CVRA membership), the THEN leadership, and anyone else we can collar or think of, will begin to get the ball rolling.
>
> Please consider the request and indicate on the enclosed postcard your willingness to participate.
>
> Thank you.
>
> Herb Lacey, N4UE (now W3HL)

Manteo ✪

Copies were sent to George Hart, W1NJM, Mgr. of the Communications Dept., ARRL; Phil Wicker, W4ACY (SK), Roanoke Division Director, ARRL; Bill Parris, K4GHR (now AA4R), Section Communications Mgr. NC, ARRL; Bill Finch, W4EHF, Section Emergency Coordinator NC, ARRL; P.L. Burt, W4OFO (SK), Tar-Heel Emergency Net Secretary; and Ed Alderman, WA4PEN, President, CVRA (now SERA).

As October 18, 1977 loomed closer, more Amateurs became aware of and got caught up in the enthusiasm of the test. In the summer, it was thought (by me - I picked the date) that Tuesday, October 18, would be a nice, sleepy, quiet, weekday evening with nothing else to do. Boy, was I wrong; read on.

The Test Begins

Well, October 18 rolled around. The Tar-Heel Emergency Net began at 7:30. I don't remember the check-in count, but it was a near-record total. Some checked in from

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*(Lodging is based on double occupancy. Single occupancy will be slightly more.)

Our chartered bus will leave Burlington, NC (I-85/40 Exit 145), Thursday, May 15th at 7:00 AM, with pickups in Greensboro (Four Seasons Mall Area); Kernersville; Winston-Salem; Mt. Airy; Hillsville, VA; Wytheville, VA; Bluefield, WV and Princeton, WV. We will return Sunday May 18th @ 5:00 PM.

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City _____

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Phone ( ) _____

Email _____

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151 Brady Johnson Ln.
Mount Airy, NC 27030
Phone (336) 320-2135
Email: nc4bl@surry.net

Virginia and South Carolina because the word had spread. The Net had little formal traffic. The rules and intent of the test were rehearsed several times for even the late-comers to fully understand them. BINGO! It was 8:30 p.m., AT LAST!

A few minutes after 8:30, both Jim and Bill checked in to say that each had relayed a piece of traffic via a repeater. Jim, in Murphy, was a regular check-in on THEN; Bill, in Manteo, was not. Bill never had a microphone on any of his HF rigs. All of his considerable HF traffic work was on CW. So, he QNI'ed on CW. No problem.

Every couple of minutes, someone else would jump in and announce that a piece of traffic had cleared a repeater. Excitement was mounting.

Somehow, the Murphy to Manteo traffic fell into the hands of Wayne Williams, K4MOB (SK), in Colfax. He promptly relayed it to Herman Cone, WB4DBB (now N4CH), in Durham — *on 220 MHz!* This was supposed to be a NC 2-meter test. Oh well, in reality, if we are handling emergency traffic, it doesn't matter what is the specific frequency or even the mode (CW, SSB, FM, Packet, etc.). Getting it there quickly AND letter perfect is the point.

By the way, WB4DBB (now N4CH) was so shamed by his indiscretion that he moved out of NC. I hear that K4MOB (SK) is lurking around in the shadows somewhere plagued by his guilty conscience. (Actually, he has been the long-time Editor of the Carolinas-Virginia Repeater Association [CVRA], which has grown into the current South Eastern Repeater Association [SERA]).

Anyway, the Murphy to Manteo traffic progressed through the "system" in smooth fashion. We had no idea of what to expect as far as routing or elapsed time. To this day, we don't know the exact path the traffic found. However, this is for sure, the Murphy to Manteo traffic took 34 minutes to cover 500+ miles! We were astounded. I, along with others, had speculated the test running to early morning hours, or even all night. There were cheers and celebrating (doubling and tripling, or more) on 3923

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kHz. As I recall, Bill, W4PCN, "read" the text of the message on 3923 kHz on CW and got a confirmation from Jim, K4AIH.

BUT, where was the Manteo to Murphy traffic? We did know it had dipped into Eastern Virginia. *There went the NC part of the test - following the 2-meter part.* Oh well, the test still could succeed.

The east-to-west traffic seemed to fall into a hole. The last thing heard on 3923 kHz was a comment from someone in Greenville that, "it was coming into Raleigh." That was an overstepping of the rules. Comments were to be only of where it had *been;* not where it was *going.* This was to prevent any assistance from 3923 kHz.

However, as we were able to reconstruct, a new Amateur in Greenville had received the traffic and then heard on 3923 kHz that "it was coming into Raleigh." He was startled by that to the point of sitting on the traffic thinking someone else had it. When, after almost an hour of comments and queries as to its where-abouts, he realized that he was holding it. Finally, he sent the traffic on its way. It reached Murphy in one hour and 35 minutes after leaving Manteo! We don't know how much of that time it spent in Greenville.

The main point is this: the test gave us all a tremendous boost in our appreciation of the resource we collectively had in "our repeater system." We began, I think, at that time, to take repeaters as a serious part of our kit of tools used to serve the public. It gave us the experience of planning and working together toward a common goal. I don't want to live in the past, but this is a piece of history of which all Amateurs have a right to be proud.

Oh, yes. About that nice, sleepy, quiet Tuesday evening - SURPRISE, SURPRISE! It was none of those. The test, in fact, took place during the sixth and FINAL GAME OF THE WORLD SERIES! Boy, did I have egg on my face early in the evening. We feared the game would torpedo the test. No way! The Radio Amateur dedication was so fierce, the enthusiasm so high, that no adverse effect on the test could be detected. In a number of slow moments on 3923 kHz, an occasional comment was heard giving the updated score and salient points of the game – "good catch," etc. Some of us were able to keep one eye on the TV to corroborate those comments.

I suppose that any stretch of one's capabilities may fail. However, trying and failing is far better than not trying at all. When you are successful meeting a challenge, the personal satisfaction is gigantic. The personal-satisfaction quotient was off the scale that night.

Just off the top of my head I can think of another challenge. That is in the area of Packet Radio. How long would it take to pass a piece of traffic via Packet Radio from Caribou, ME, to Key West, FL?; or from coast-to-coast?; or through each of the 48 contiguous state's capitals?; or ...? ■

Virginia Ham Petitions FCC to Permit Unlicensed Radios in UHF Ham Band

Gary Pearce KN4AQ

US Amateurs are probably familiar with FRS, the Family Radio Service, an unlicensed service with 14 channels for half-watt handheld radios in the 462 and 467 MHz part of the spectrum.

Hams may *not* be familiar with a similar service called PMR 446 in Europe. And it's the "446" part that's now the catch. That's 446 as in 446 MHz.

Thinking now . . . little wheels turning, puff of smoke rising . . .

HEY! Isn't that in the UHF ham band!?!

And they said you missed that question on your license exam. Good call! Yes, 446 MHz *is* in the ham band. In fact, 446.0 evensteven is the UHF equivalent of 146.52, the National Simplex Channel (or "calling channel" - see the related story on page 4).

BUT, that's just in parts of Region II (roughly the Western Hemisphere). In the rest of the world, the ham band ends at 440.0 MHz, and the spectrum we US hams enjoy for FM Repeaters is used for business and public-safety radio services.

And PMR 446.

In fact, PMR 446 "Channel 1" is 446.00625 MHz, or just 6.25 kHz up from our National Simplex Channel.

So What?

So what, indeed.

Imagine you're not a ham. Something your wife may dream about, but that's another column. You don't have all that fabulous communications technology at your fingertips, or knowledge at your braintip.

But you *do* have one little modern miracle - a pair of $39.95 FRS radios, complete with 14 channels and 39 privacy codes, and the little boodle-de-boop thing at the end of each transmission.

Now imagine that you're going on a European vacation. Yes, your wife probably *would* trade your ham license for a European vacation, but we're not making an offer, and you're losing track of the point here.

Wouldn't it be handy if you took your little FRS radios along for the ride. Your family could keep in touch while touring the Louvre or Buckingham Palace. (OK, I've never been to Europe, and I don't know if you can tour Buckingham Palace, and that's still not the point).

The point is, your nifty little FRS radios aren't legal in Europe. The frequencies used for FRS in the US are allocated to some other services over there.

But you don't know that. You don't know spectrum beyond HITZ 97.5 on the FM dial. Was there some legal-shmeagel about the FCC in fine print on that little card that came with the FRS radios? Maybe, but you threw it away along with the operating instructions that you should have kept because now you can't figure out the "privacy code" thing or how to turn off the boodle-de-boop sound that's beginning to annoy you.

So you pack the FRS radios and have a great trip, and probably don't get hassled by Customs about the FRS, and probably also don't hear the *Gendarmes'* secret anti-narc radio traffic, either.

Well, what goes around, comes around. Your non-ham counterpart somewhere on the Continent is planning a trip to America. And he's got a spiffy pair of PMR 446 radios (that also go boodle-de-boop, and that he also can't figure out the "privacy code" thing on) that he's planning to bring along so he and the kids can communicate while touring Disney World.

And, being as those radios operate right around 446 MHz, *he'll be operating an unlicensed radio right in the ham band.*

Doesn't that wad your undies?

If that doesn't, maybe this will. A Virginia ham, Dr. Michael Trahos KB4PGC, thinks they should get a free pass to do just that. He filed a petition with the FCC to permit visitors to the US (but not citizens) to use PMR 446 radios temporarily while they're in the country. It's been assigned RM-10521, and it's currently pending before the Commission.

The good doctor says it will be a nice thing to do, and won't bother hams that much.

The comment period on the RM is over. Hams and others filed 120 comments, mostly saying that it's a really stupid idea. We do use that part of the spectrum, we will experience interference, and our European friends can stop by Wal-Mart and get a $25 pair of FRS radios that they can drop in the trash on the way out of the country at the end of their vacation.

See it all for yourself on the web at:

www.fcc.gov/e-file/ecfs.html

Click on "Search for Filed Comments" and enter RM 10521 in the "Proceeding" box (leave the rest blank).

It's Not Over Yet

Remember our European friend? He's getting off the plane and pulling out his PMR 446 radio to call his wife who's at the luggage carousel. And he's on your repeater input, link frequency or simplex channel.... boodle-de-boop! ■

SERA Secretary Announces Change in "Help and Info Line"

The SERA is possibly the only amateur radio frequency coordinating body in the nation to offer a toll free help and information line for its' constituents. In September, 1999, during a special meeting of the Select Committee on SERA Data, it was decided that we would offer this service, with the phone being "manned" by Wayne Williams, Monday through Friday from 10:00 to 22:00.

Upon Wayne's untimely passing, the SERA Secretary, Alex Hedrick N8FWL, took on the responsibility of answering our toll free number with a slight modification in operating hours.

Recently our toll free number provider and carrier raised its charge for that service from approximately $20.00 per month to $60.00 per month. With the SERA being *always* conscious of operating costs, Alex set out to find someone who could provide the same service with less cost. Alex immediately turned to ***OneStar***®, who happened to be a provider of services for the company for which he works. ***OneStar*** ® agreed to provide us the service for low flat rate and a low per minute rate for incoming calls.

New Number

Please note that the new SERA Help & Information Line has changed to:

888-HAM-SERA, that's **888-426 -7372.** The old number (which isn't mentioned here, to save confusion) will be disconnected sometime shortly after you read this article.

So, for general questions concerning our operation, membership, or coordination, you can call our secretary, Alex Hedrick, at **888-HAM-SERA (888-426-7372)**, between the hours of 08:30 to 18:30 (eastern time) Monday thru Friday.

If he happens to miss you, because he is away from the office, or if you call at any other time, feel free to leave him a message on the voice mail, he will be alerted by pager, and call you back as soon as he can.

As always, if you prefer to use e-mail, you can receive the same service using the **help@sera.org** or **info@sera.org**. ■

SERA Revises 6 Meter Band Plan

The SERA Board voted to revise the Frequency Untilization Plan (FUP, or Band Plan) for six meters in an e-mail vote after the summer Board meeting.

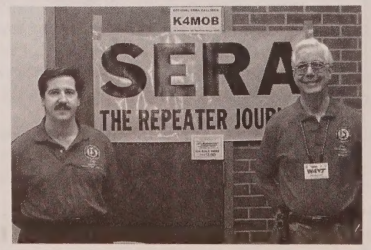
The Board approved a motion made by NC Vice Director Frank Lynch W4FAL to eliminate 15 repeater pairs using a 2.51 MHz offset. (The outputs of those pairs fell on 20 kHz channels between 53.71 and 53.99 MHz). The few repeaters coordinated using that offset are grandfathered and remain coordinated.

The goal of the motion was to simplify the SERA plan for six meters. The FUP retains 39 pairs with 1 MHz offsets, on 20 kHz channels with outputs between 53.01 and 53.99 (with gaps for voice and digital simplex, and pairs for digital repeaters), and 15 pairs with 500 kHz offsets, on 20 kHz channels with outputs between 51.70 and 51.92 MHz.

The complete SERA Band Plans are available on our web site: **www.sera.org.** ■

Above: *SERA at Shelby, represented by W4FAL, K4NYS and K4HA.*

Below: *SERA at Richmond, with N4YMY and W4VT manning the booth.*



SERA Repeater Journal
The Official Voice of SERA, Inc.

Advertising Sizes and Rates

Effective January 1, 2002

Full Color Covers Bleed 8.125 x 10.75"	$425.00
Full-Page 7.25 x 9.875"	$160.00
Full-Page Bleed 8.125 x 10.75"(+.125 bleed)	$185.00
2/3-Page (V) 4.75 x 9.875"	$120.00
1/2-Page (H) 7.25 x 4.875"	$88.00
1/2-Page (V) 4.75 x 7.5"	$88.00
1/2-Page (V) 3.5 x 9.875"	$88.00
1/3-Page (V) 2.25 x 9.875"	$65.00
1/3-Page (H) 4.75 x 5.0"	$65.00
1/4-Page (V) 3.5 x 4.875"	$52.00
1/4-Page (H) 4.75 x 3.75"	$52.00
1/4-Page (H) 7.25 x 2.5"	$52.00
1/6-Page (V) 2.25 x 4.875"	$36.00
1/6-Page (H) 4.75 x 2.875"	$36.00
1/6-Page (H) 3.5 x 3.0"	$36.00
1/12-Page (V) 2.25 x 2.5"	$20.00
Spotlight Page 2.25 x 1.125 (4 Issues)	$30.00
SPOT COLOR (each ad/page)	$50.00
SPOT COLOR (Dbl 2-pgs side-by-side)	$50.00

2nd Color ususually bright Red with black

INVOICING & AD INSERTION ORDERS

DEALERS: Quarterly dealer invoices, after insertion, will request information pertaining to future insertions. If no instructions on the *paid* returned invoice copy are received, the ad will be *repeated* and invoiced the upcoming quarter.

HAMFEST: Advertising must be ordered each edition for insertion. Payment must accompany insertion order/advertising copy for Hamfest ads.

ADVERTISING PAYMENT POLICY

ADVERTISING INVOICES are due upon receipt. Unpaid invoices will require us to withhold publication of any additional ads until account is paid in full. First time advertisers, hamfest advertising and Spotlight Page advertising is to be paid in advance - Please submit check with order.

SPECIFICATIONS & GENERAL

ADVERTISING SIZES are listed above. Ads that do not fit dimensions will be adjusted at no chage.

We can take camera-ready positive photoprint, pasteup or Laser print ad copy or appropriate electronic transfer (call first for this means).

FULL COLOR COVER ADS, when available, are to be sized for full 8.125 x 10.75+bleed. 150 Line screens preferred. Must be submitted on CD in a digital format capable of being used by our printer. Color Match Proof, Color Key or Pre-printed tearsheet should accompany.

INSIDE DISPLAY ADS - Design, typesetting & layout is available at no charge for advertising to be run in the *Repeater Journal.* Adobe Acrobat PDF Proofs are available for ads that we design.

The *Repeater Journal* cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

WHERE TO SUBMIT ADS

All advertising copy and insertion orders should be sent to the Journal Advertising Department:

Mike Lewis WA4KE
Repeater Journal Advertising Manager
3401 Apple Meadow Dr.
Fuquay-Varina, NC 27526
919.552.9118 h 919.549.1561 w
wa4ke@sera.org

AD & COPY DEADLINE DATES

Ad copy deadlines are normally the 1st of the month, prior to month of publication. The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Ad Department.

FEBRUARY *ISSUE* - *January 1*
MAY ISSUE - *April 1*
AUGUST ISSUE - *July 1*
NOVEMBER ISSUE - *October 1*

THE SERA OFFICIAL REPEATER INDEX

REPEATER LISTINGS FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

IMPORTANT NOTICE: The SERA ***Repeater Journal*** is Copyright 2002 by the SouthEastern Repeater Association, Inc., the officially recognized Amateur Coordinating Organization for Kentucky, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia.

The SERA ***Repeater Index*** may NOT be published or reproduced, in any form, by any individual, publication, electronic source, or any other means, for distribution without the expressed written consent of the SERA, Inc. All other rights reserved.

SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA ***Repeater Journal*** repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by The SERA.

Some repeater owners or sponsors allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. Our index codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission and asked that we publish them . Access tones are listed for the reader's convenience both in the By-State, and the By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Owners should notify SERA when on the air.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. All SERA services are FREE. It is very important that the annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA.

SERA RECOMMENDED FM VOICE SIMPLEX

10 Meters:	29.600#						
6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	145.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
222 MHz	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA RECOMMENDED DIGITAL SIMPLEX CHANNELS

2 Meters:	144.390#	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530	145.550
	145.570	145.590	145.610	145.630	145.650	145.670	145.690
	145.710	145.730	145.750	145.770	145.790		
222 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780
	Hi Speed Digital Chan. -	222.350 to 222.450 (222.400 Center) - (100 KHz wide)					
	Hi Speed Digital Chan. -	223.800 to 223.900 (223.850 Center) - (100 KHz wide)					
440 MHz	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441.1125	441.1375	441.1500	441.1625	441.1750	

NOTE: Digital operators are reminded to check with their local Digital organizations as to which channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage. #144.39 Generally Accepted APRS channel

SERA JOURNAL REPEATER LISTINGS BY STATE - BY CITY

Listings Correct as of October 17, 2002

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

GEORGIA

10 METERS

CONYERS	AI8H	29.680	-		
DALTON	N4BZJ	29.680	-		☺
#MACON	KF4XH	29.620	-	UNCOR	
MONROE	KQ4XL	29.620	-		
VALDOSTA	KB0Y	29.680	-	T141.3	☺
WARNER ROBINS	WR4MG	29.660	-		

6 METERS

ATL/MARIETTA	KD4DKW	53.090	-	T151.4	☺
ATLANTA	KA5WZY	53.150	-		☺
AUGUSTA	W4WTA	53.030	-		☺
BISKEY MT.	KC4JNN	53.050	-	T100.0	☺
BOLINGBROKE	KR4OL	53.430	-		
CARTERSVILLE	WB4AEG	53.070	-	T123.0	☺
COCHRAN	W3LAP	53.010	-	PROP	
#CONYERS	WB4JEH	51.550	+	UNCOR	☺
CONYERS	WB4JEH	53.550	-	T151.4	☺
CRAWFORD	KD4FVI	53.330	-	T88.5	
#CUMMING	WA4YNZ	51.700	-	UNCOR	☺
DALTON	N4BZJ	53.130	-		☺
DECATUR	KA4UFM	53.390	-	T	☺
HIAWASSEE	KC4CBQ	53.270	-	186.2	☺
IVEY/MACON	K4YC	53.730	-	T88.5	☺
KINGSLAND	KC5BMJ	51.940	-	T82.5	☺
LAKE PARK	KB0Y	53.890	-	T141.3	☺
LAWRENCEVILLE	W4GR	53.110	-	82.5	☺
LULA	WB4HJG	53.890	-	T82.5	☺
#MACON	KF4XH	53.390	-	UNCOR	
MARIETTA	N1KDO	53.210	-	T79.7	☺
MARIETTA	KF4BMG	53.250	-	T79.7	
#PINE LOG MT	KD4APP	53.450	-	UNCOR	
#PINE LOG MT.	K4PLM	53.290	-	UNCOR	☺
#ROSWELL	WA4YNZ	53.010	-	UNCOR	☺
WARNER ROBINS	WR4MG	53.790	-		
WATKINSVILLE	KD4AOZ	53.570	-	T123.0	☺

2 METERS

ADAIRSVILLE	K4NGA	146.685	-		☺
#ALBANY	W4MM	146.700	-	UNCOR	☺
ALBANY	W4MM	146.730	-		☺
ALBANY	W4MM	146.820	-		☺
ALLENHURST	KF4ZUR	147.270	+	162.2	☺
AMERICUS	W4VIR	147.270	+		
ASHBURN/TIFTON	W4PVW	147.285	+	T141.3	☺
ATHENS	KD4QHB	146.745	-		
ATHENS	KD4AOZ	146.955	-	T123.0	☺
ATHENS/CRAWFRD	K4TQU	147.375	+	127.3	☺
ATL/UNION CITY	WA4UPE	146.625	-	100.0	☺
ATLANTA	W4AQL	145.150	-	167.9	
ATLANTA	W4IBM	145.290	-	T88.5	☺
ATLANTA	W4DOC	145.350	-	T146.2	☺
ATLANTA	K4LCI	145.430	-		☺
#ATLANTA	WB4QGR	146.640	-	UNCOR	
ATLANTA	W4DOC	146.820	-	T146.2	☺
ATLANTA	K4CLJ	146.970	-	T	☺
ATLANTA	WA4NNO	147.000	-		
ATLANTA	WB6RTH	147.105	+	107.2	☺
ATLANTA	K4JPD	147.195	+	T	
ATLANTA	KA5WZY	147.285	+		☺
ATLANTA	W4REI	147.030	+		☺
ATLANTA/BELL	W4PME	145.410	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	146.655	-	T151.4	☺
ATLANTA/MARIETTA	N4NEQ	147.345	+	151.4	☺
ATLANTA/SWEAT MT	KD4NC	146.730	-		
AUGUSTA	KK4HL	145.110	-		
AUGUSTA	W4DV	145.290	-	T100.0	☺
AUGUSTA	AA4UA	145.370	-		
AUGUSTA	K4KNS	145.410	-		☺
AUGUSTA	W4DV	145.490	-		☺
AUGUSTA	KT4N	146.940	-		
AUGUSTA	K4KNS	146.985	-	100.0	☺
AUGUSTA	N4BMA	147.180	+		
BACONTON	K4TWG	145.150	-	PROP	
BAINBRIDGE	KE4RWR	147.090	+	PROP	
BALDWIN	WD4NHW	147.180	+		☺
BARNESVILLE	W8JI	147.225	+	PROP	
BGMRC/NEWMAN	K4SEX	145.130	-		☺
#BLACK ROCK MT	KE4SNT	147.390	+	UNCOR	
BLAIRSVILLE	KE4RQT	146.955	-	T100.0	
BOGART	W4EEE	147.000	+	T	☺
BONAIRE	KD4HMH	145.470	-	T	
BONAIRE	K4EDN	147.015	+	T82.5	☺
BOSTON	W4UCJ	147.195	+		
BRUNSWICK	K4TVE	146.730	-		
CALHOUN	K4WOC	146.745	-	T100.0	☺
CARROLLTON	W4FWD	146.640	-	T131.8	☺
CARTERSVILLE	N4GIS	147.015	-	100.0	☺
CEDARTOWN	W4CMA	147.120	+		☺
CHATSWORTH	N4YYD	145.250	-	T71.9	
CLARKESVILLE	K4HCA	147.120	+		☺
CLAXTON	W4CLA	147.075	+		
CLEVELAND	WB4HIG	146.910	-		☺
COCHRAN	N4MXC	145.110	-	T107.2	
COCHRAN	W3LAP	147.330	+	T77.0	
COLBERT	N4ALE	147.300	+		☺
COLUMBUS	W4FIZ	145.310	-		☺
COLUMBUS	W4CVY	146.610	-	T	☺
COLUMBUS	W4CVY	146.880	-		
CONYERS	WB4JEH	145.230	-	T151.4	☺
CONYERS	WB4JEH	146.610	-	T151.4	☺
CONYERS	KF4GHF	147.210	+	T162.2	☺
CORDELE	WR4SG	145.230	-	T141.3	☺
CORDELE	KA4WUJ	145.490	-	T103.5	☺
COVINGTON	WA4ASI	146.925	-		
COVINGTON	KF4GHF	147.270	+	T162.2	☺
CUMMING	WB4GQX	147.150	+		☺
DAHLONEGA	N4KHQ	146.835	+	T100.0	☺
DALLAS	W4RPO	146.850	-		
DALLAS	WD4LUQ	146.895	+	T77.0	☺
DALTON	W4DRC	145.230	-		☺
DALTON	N4BZJ	147.135	+	T118.8	☺
DARIEN	WA4EPK	146.685	-		
DECATUR	W4BOC	145.450	-		☺
DOERUN	KG4ABK	147.225	+	PROP	
DOUGLAS	KE4ZRT	147.045	+	141.3	☺
DOUGLAS	KE4ZRT	147.165	+	PROP	☺
DOUGLAS	AD4EQ	147.315	+	T141.3	☺
DOUGLASVILLE	KR4HV	145.110	-	T88.5	☺
DOUGLASVILLE	W4SCR	147.360	+	T88.5	☺
DUBLIN	WA4HZX	147.360	+		
EASTMAN	KC4RRO	145.210	-		
EASTMAN	KF4ODQ	145.330	-	T77.0	
EATONTON	KC4YHM	147.090	+	T179.9	☺
ELBERTON	N4UJT	146.625	-		
ELLIJAY/TALONA M.	KC4ZGN	146.985	-	T77.0	☺
EMERSON	AE4JO	147.240	+	T103.5	☺
FAYETTEVILLE	WA4EPK	145.210	-	131.8	☺
FAYETTEVILLE	K4KZY	146.685	-		☺
FOLKSTON	KD4GEY	146.790	-		
FORSYTH	W4STJ	147.315	+	88.5	☺
GAINESVILLE	WA4BP	146.670	-	T131.8	☺
GRIFFIN	K4HYB	145.390	-	T88.5	
GRIFFIN	K4HYB	146.910	-		
HARTWELL	N4VNI	146.895	-	T100.0	☺
HAWKINSVILLE	WR4MG	146.895	-	T107.2	
HINESVILLE	KF4UM	147.015	+		☺
IRWINTON	WB4NFG	147.240	+	T77.0	
IVEY	K4YC	145.250	-	T	☺
IVEY/MACON	K4YC	145.150	-	77.0	☺
JASPER	KB4IZF	145.370	-	T100.0	☺
JASPER	K4UFO	146.700	-		
JASPER	KC4AQS	146.805	+	T100.0	

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

GEORGIA REPEATERS CONTINUE

JESUP	WA4EQL	145.190	-		☺
JESUP	WA9RNZ	145.430	-	T118.8	☺
JESUP	N4ZON	146.865	-	T123.0	☺
JESUP	N4PJR	146.925	-		☺
JESUP/SCREVEN	N4PJR	147.345	+		☺
JONESBORO	WA4DIW	145.170	-		☺
JONESBORO	WA4OGE	145.330	-		
KIBBEE	K4HVK	146.820	-	T	☺
KINGSLAND	KC4WWU	147.285	+	T118.8	☺
LAFAYETTE	KB4VAK	147.375	+	T77.0	
LAGRANGE	KD4BWK	146.700	-	T141.3	☺
LAGRANGE	WB4BXO	147.330	+		
LAKE PARK	WR4SG	147.135	+	T141.3	☺
LAVONIA	K4NVG	146.715	-	T100.0	☺
LAWRENCEVILLE	W4GR	147.075	+	82.5	☺
#LINCOLNTON	KT4N	147.120	+	UNCOR	
LOOKOUT MT	W4GTA	145.350	-	T100.0	☺
LOOKOUT MT.	W4RRG	146.760	-	T67.0	☺
MACON	W4BKM	145.370	-		
MACON	AA4RI	145.430	-		☺
MACON	WR4DH	146.730	-	T100.0	☺
MACON	K4PDQ	146.805	-	T77.0	☺
MACON	N3SM	146.895	-	T123.0	
MACON	WA4DDI	147.060	+	T	☺
#MACON	KF4XH	147.165	+	UNCOR	
MADISON	WB4DKY	146.865	-	T179.9	☺
MADRAS	N4OME	147.165	+	T131.8	☺
MARIETTA	W4LMA	145.490	-	88.5	☺
MARIETTA	N4NEQ	146.775	-	T151.4	☺
MARIETTA/ATLANTA	W4BTI	146.880	-	T100.0	☺
MILLEDGEVILLE	WB4DOJ	146.700	-	T67.0	
MILLEDGEVILLE	K4GK	147.135	+	T123.0	☺
MORGANTON	N4NEQ	147.165	+	T151.4	☺
MOULTRIE	WD4KOW	146.790	-		☺
NASHVILLE	KB4JF	145.310	-	T141.3	
NEWNAN	K4SEX	146.790	-		☺
OCILLA	KD4MFS	145.350	-		☺
PEMBROKE	KF4DG	147.105	+		
PEMBROKE	W4CJB	147.390	+		
PERRY	WR4MG	145.290	-	T107.2	
PERRY	WR4MG	146.955	-	107.2	
PINE MT/HAMILTON	WB4ULJ	145.190	-		
QUITMAN	WA4NKL	146.880	-		☺
RICEBORO	KF4UM	145.470	-		☺
RINGGOLD	W4ABZ	146.715	-	T67.0	
ROME	WB4YSV	147.300	+		
ROME/MT. ALTO	W4VO	146.940	-	88.5	☺
ROSWELL	N4CLA	147.060	+		
SANDERSVILLE	KT4X	145.270	-	T77.0	☺
SAVANNAH	K4NLX	146.700	-		
SAVANNAH	K4SDJ	146.850	-		☺
SAVANNAH	W4HBB	146.880	-		
SAVANNAH	W4HBB	146.970	-		
SAVANNAH	WA4IDS	147.150	+		
SAVANNAH	K4NLX	147.210	+		
SAVANNAH	K4NLX	147.330	+		
SNELLVILLE	KR4NQ	147.255	+	T107.2	☺
SPRINGFIELD	AF4VH	146.745	-	PROP	
ST SIMONS ISLAND	N4XGI	145.330	-	T131.8	☺
STOCKBRIDGE	WA4JDR	145.310	-		☺
STONE MT	W4BOC	146.760	-	T107.2	☺
SUMMERVILLE	W4RLP	147.225	+	100.0	☺
SWAINSBORO	K4VYX	146.790	-		
SWEAT MT/MARIETT	N4CLA	145.470	-		
THOMASTON	W4OHH	147.390	+	131.8	☺
THOMASVILLE	W4UCJ	147.060	+		
THOMSON	KC4GSS	146.835	-		☺
TOCCOA	N4MTN	147.330	+	PROP	☺
UNADILLA	WR4MG	146.760	-	T107.2	
VALDOSTA	WR4SG	145.130	-	T141.3	☺
VALDOSTA	KF4BJM	146.760	-	141.3	
VIDALIA	K4HAO	146.625	-		☺
WALESKA/PNLG MT	KB4GDS	145.270	-	100.0	☺
WARM SPRINGS	KN4FE	146.985	-		
WARNER ROBINS	WA4ORT	146.850	-		☺
WARNER ROBINS	WB4BDP	147.180	+	107.5	☺
WARNER ROBINS	WR4MG	147.300	+	107.2	
WATKINSVILLE	KD4AOZ	147.045	+	T123.0	☺
WAYCROSS	AE4PO	146.640	-	T141.3	
WAYCROSS	AE4PO	147.255	+	T141.3	☺
WAYNESBORO	K4BR	145.230	-		
WRENS	KB4NA	146.775	-		
WRIGHTSVILLE	WA4RVB	146.940	-		☺
YOUNG HARRIS	K2YRW	147.090	+		☺

220 MHZ

ACWORTH/ATL	N4MTA	224.320	-	T123.0	
ACWORTH/ATL	N4MTA	224.500	-	T123.0	
ALPHARETTA	NX9O	224.580	-	100.0	
ALPHARETTA	KC4JNN	224.860	-	T100.0	☺
ATLANTA	N4BLR	224.280	-		
ATLANTA	W4DOC	224.340	-		☺
ATLANTA	KK4C	224.820	-	T77.0	
#ATLANTA-NE	KC4OVY	224.200	-	UNCOR	
ATLANTA/BELL	W4PME	224.620	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	224.120	-	T151.4	☺
ATLANTA/MARIETTA	N4NEQ	224.440	-	T151.4	☺
ATLANTA/MARIETTA	PT2RFL	224.960	-	T100.0	☺
AUGUSTA	WB4KXO	224.940	-		
BISKEY MTN	KC4JNN	224.160	-	T100.0	☺
CEDARTOWN	KC4KLW	224.780	-	T179.9	☺
CLAYTON	W4UWH	224.720	-	PROP	
#CONYERS	WB4JEH	224.020	-	UNCOR	☺
CONYERS	WA4SSJ	224.800	-	T103.5	☺
CUMMING	K4JSR	224.980	-		
DAHLONEGA	N4RBT	224.380	-	T100.0	☺
DALLAS	N4YDX	224.180	-		
DALLAS	N4YEA	224.540	-		☺
DALLAS	W4TIY	224.700	-		☺
DALTON	N4BZJ	224.360	-	T	☺
DALTON	N4BZJ	224.460	-	T118.8	☺
DALTON	N4BZJ	224.680	-		☺
DALTON	N4KVC	224.740	-	T	☺
FT MT/CHATSWTH	N4YYD	224.240	-	T71.9	
GAINESVILLE	W4TL	224.840	-	T131.8	☺
HAWKINSVILLE	WR4MG	224.820	-	PROP	
JASPER	KC4AQS	224.400	-	T100.0	
JASPER	W4UWH	224.600	-	100.0	
LOOKOUT MT	W4RRG	224.560	-	T	☺
LOOKOUT MT.	W4RRG	224.640	-		☺
MARIETTA	KE4QFG	224.260	-	T110.9	☺
MARIETTA	W4LMA	224.900	-		☺
PINE LOG MTN	KE4AIS	224.520	-		☺
SNELLVILLE	W4CSX	224.920	-	T100.0	
STONE MT	W4BOC	224.760	-		☺
TEMPLE	WA4KM	224.300	-	T100.0	
VALDOSTA	KB0Y	224.460	-	T141.3	☺
WALESKA	KD4ALC	224.140	-		
WALESKA	KB4GDS	224.940	-		☺
WARNER ROBINS	WR4MG	224.840	-		
WATKINSVILLE	KD4AOZ	224.420	-	T123.0	☺
YORKVILLE	WD4LUQ	224.880	-	T77.0	☺
YOUNG HARRIS	NP2Y	224.660	-	PROP	

440 MHZ

ACWORTH	KC4YNF	441.800	+	T77.0	☺
ALBANY	W4MM	444.500	+		☺
ALPHARETTA	WB6RTH	442.000	+	107.2	☺
ALTNATA/GLENRI	WR4CW	444.100	+	PROP	
ATHENS	AA4AI	442.950	+	T179.9	☺
ATHENS	WW4GA	443.300	+	T	☺
#ATHENS/CRAWFORD	KC4GZX	444.300	+	UNCOR	
ATL/MARIETTA	N4NFP	442.800	+	T	☺
ATLANTA	W4CML	442.025	+	T127.3	☺
#ATLANTA	WB6RTH	442.225	+	UNCOR	☺
ATLANTA	N4XQM	442.525	+	T203.5	
ATLANTA	KE4PVE	442.675	+	T100.0	
ATLANTA	WA4YNZ	442.975	+	T	☺
ATLANTA	W4CML	443.025	+	T127.3	☺
ATLANTA	KA5WZY	443.600	+	T146.7	☺
ATLANTA	W4CML	443.650	+	PROP	☺
ATLANTA	KD4LXT	443.875	+		
ATLANTA	W4DOC	444.450	+	T146.2	☺
ATLANTA	KD4GPI	444.500	+	T110.9	☺
ATLANTA	W4DOC	444.825	+	T146.2	☺
ATLANTA	WA4NNO	444.925	+		
ATLANTA	WA4YNZ	444.975	+	T	☺
ATLANTA/BELL	W4ZTL	421.250	+		☺
ATLANTA/BELL	W4PME	444.150	+	T100.0	☺
ATLANTA/MARIETTA	PT2RFL	442.875	+	T100.0	☺
ATLANTA/MARIETTA	N4NFP	443.800	+	T151.4	☺
ATLANTA/MARIETTA	N4NEQ	444.050	+	T151.4	☺
ATLANTA/MARIETTA	N4NEQ	444.775	+	151.4	☺
AUGUSTA	KD4BOO	444.900	+		☺
BALDWIN	WD4NHW	442.350	+		☺
BARNESVILLE	N4GWO	443.675	+		
#BISKEY MTN	KC4JNN	443.250	+	UNCOR	☺
BLAIRSVILLE	KF4SKT	442.200	+		
BLUERIDGE	KD4GRU	442.125	+	146.2	
BOGART	W4EEE	443.475	+	T	☺
BONAIRE	K4EDN	444.625	+	T82.5	☺
BRUNSWICK	KD4CPO	443.425	+		
BRUNSWICK	K4TVE	444.975	+		
BUFORD	K3TD	442.900	+	T103.5	
BYRON	KF4XH	443.150	+		
BYRON	WB4SBT	444.700	+	T103.5	☺
CARROLLTON	W4FWD	444.075	+	T131.8	
CARTERSVILLE	N4GIS	443.175	+		☺
CEDARTOWN	KD4NTF	443.575	+	T107.2	☺
CHATSWORTH	W4DRC	443.000	+		☺
CLAYTON	W1CP	442.825	+	T162.2	☺
CLERMONT	W4TL	444.950	+	T131.8	☺
COBB COUNTY	WC4RAV	443.450	+	PROP	
COCHRAN	W3LAP	442.875	+	T77.0	
COCHRAN	N4MXC	444.775	+	PROP	
COCHRAN	W3LAP	444.975	+	77.0	
COLUMBUS	WB4ULK	441.975	+	PROP	
CONCORD	WB4GWA	443.400	+	118.8	
CONYERS	WB4JEH	442.550	+	T151.4	☺
CONYERS	KB2DZA	443.725	+	T77.0	
CONYERS	WB4JEH	444.550	+	T151.4	☺
CONYERS	KC4ELV	444.750	+	T162.2	☺
CORNELIA	K4JLG	444.275	+	T100.0	☺
COVINGTON	K4GO	443.750	+	T146.2	
COVINGTON	KE4PVE	444.175	+	T100.0	
COVINGTON	WA4ASI	444.800	+	T88.5	
CULLODEN	KE4BB	444.275	+	T123.0	☺
CUMMING	WB4GQX	441.900	+	T141.3	☺
CUMMING	WA4BPY	442.575	+	T79.9	☺
CUMMING	W4CBA	444.625	+	T123.0	☺
#CUMMING	WA4YNZ	444.975	+	UNCOR	☺
DACULA	KK4IN	443.550	+		
DAHLONEGA	N4KHQ	443.100	+	100	☺
DAHLONEGA	N4KHQ	444.900	+		☺
DALLAS	W4CSX	441.925	+	T162.2	
DALLAS	W4TIY	443.700	+		☺
DALLAS	WD4LUQ	444.700	+	T77.0	☺
DALTON	N4BZJ	442.175	+	T118.8	☺
DALTON	N4BZJ	444.500	+	T118.8	☺
DALTON	N4BZJ	444.850	+		☺
DANIELSVILLE	KE4FHN	442.650	+	T	
DECATUR	N3APR	442.200	+		
DECATUR	KA4UFM	443.950	+	T110.9	☺
DECATUR	W4BOC	444.250	+		☺
DOUGLAS	KE4ZRT	443.000	+	PROP	
DOUGLASVILLE	W4SCR	444.575	+	T88.5	☺
DUBLIN	KD4FOC	442.600	+	T77.0	
DUBLIN	KD4IEZ	443.025	+	T156.7	
EATONTON	KC4YHM	442.925	+		☺
ELLIJAY	KC4ZGN	442.700	+	T77.0	☺
ETOWAH VALLEY	AE4JO	443.425	+	T103.5	
FAYETTEVILLE	W4PSZ	444.600	+	T77.0	
FLOWERY BRANCH	K4VJM	442.775	+	PROP	
FLOWERY BRANCH	K4RHJ	443.900	+	T100.0	☺
FOLKSTON	KD4GEY	444.475	+		
FT. MT/CHATSWTH	N4YYD	443.350	+	T71.9	
GAINESVILLE	W4ABP	442.625	+	T131.8	☺
#GAINESVILLE	WA4DB	444.200	+	UNCOR	☺
GRAY	K4MDS	443.625	+		
GREENSBORO	N4YXL	444.850	+	PROP	
GRIFFIN	KF4QLF	441.850	+		
GRIFFIN	KE4WLP	443.550	+		☺
HAMILTON	WB4ULJ	444.400	+		
HAPEVILLE	KC4ENL	442.825	+	T167.9	
HELEN	K4PE	444.425	+	T127.3	
HIAWASSEE	KC4CBQ	444.675	+	186.2	☺
HIGH PT/LOOKT MT	KB4VAK	443.450	+	T77.0	
HINESVILLE	KF4UM	444.850	+	PROP	☺
HOGANSVILLE	KC4YNY	444.300	+	PROP	
IRWINTON	WB4NFG	444.925	+	T77.0	
IVEY	K4YC	443.200	+	T88.5	☺
IVEY	K4YC	444.650	+	T	☺
JASPER	N3DAB	442.750	+	T141.3	☺
JASPER	KC4AQS	443.375	+	T100.0	
JASPER	KB4MDE	443.425	+		
JASPER	KF4OYP	443.625	+	T100.0	
JASPER	KB4IZF	444.375	+	T103.5	☺
JESUP	N4PJR	444.925	+		☺
JONESBORO	WA4DIW	443.225	+		
KINGSLAND	KC5BMJ	444.625	+	T118.8	☺
KNOXVILLE	N4PQR	443.525	+	PROP	
LAKEMONT	N4ZRF	444.750	+	T	
LAVONIA	K4NVG	442.475	+	T203.5	☺
LAWRENCEVILLE	WB4HJG	442.850	+	T82.5	☺
LAWRENCEVILLE	WB4QDX	444.000	+	T127.3	☺
LAWRENCEVILLE	W4CML	444.025	+	PROP	☺
LOOKOUT MT	W4RRG	442.650	+	T100.0	☺
LOOKOUT MT.	W4RRG	442.475	+	T67.0	☺
LULA	WB4HJG	444.400	+	PROP	☺
MABLETON	W4JLG	442.325	+	T	☺
MACON	AF4UL	442.000	+	PROP	
MACON	K4DDH	442.275	+	T100.0	☺
MACON	W4MAZ	442.700	+	PROP	
#MACON	WX4EMA	443.075	+	UNCOR	
MADRAS	KE4HAC	442.250	+	T141.3	☺
MARIETTA	N1KDO	442.050	+	T107.2	☺
MARIETTA	KE4QFG	442.375	+	T	☺
MARIETTA	WA4OKJ	442.600	+	T100.0	
MARIETTA	N4MTA	443.500	+		
MARIETTA	KF4BMG	444.325	+	T79.7	
MARIETTA/ATL	KE4QFG	442.725	+	T	☺
MARLOW	W1MED	442.475	+	PROP	
MCDONOUGH	KE4UAS	444.875	+	T123.0	☺
MONROE	KQ4XL	443.925	+	T123.0	
MOULTRIE	W1BPP	444.625	+	T123.0	
NEWNAN	K4NRC	441.875	+	T156.7	☺
NEWNAN	KE4PVE	444.350	+	PROP	
NORCROSS	K4HUM	442.100	+	T100.0	
PEACHTREE CITY	AB4KN	442.500	+	T77.0	
PEACHTREE CITY	N4YTR	444.675	+	T77.0	
PEMBROKE	AF4MI	441.800	+	PROP	
PENDERGRASS	KE4PVE	444.125	+	PROP	
PERRY	WR4MG	444.950	+		
PINE LOG MT	KD4APP	443.200	+	T103.5	
QUITMAN	WA4NKL	444.600	+	T127.3	☺
REX	KB4NPO	443.975	+	PROP	
RINGGOLD	KW4KW	442.300	+	PROP	
RINGGOLD	W4BAB	443.925	+		
ROCKMART	KC4KLW	443.275	+	T179.9	☺
ROME	KA4MLK	441.825	+	T100.0	
ROME	KC4KLW	443.525	+	T179.9	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

GEORGIA REPEATERS CONTINUE

ROSWELL	W8BLA	442.075	+	T	
#ROSWELL	WA4YNZ	442.975	+	UNCOR	☺
ROSWELL/BELL	N4SE	442.150	+	T100.0	
ROSWELL/BELL	W4PME	443.150	+	100.0	
SANDY SPRINGS	KE4OKD	441.950	+	T103.5	
SAVANNAH	K4NLX	421.250	+		
SAVANNAH	WA4VHP	427.250	+	T	
SAVANNAH	K4NLX	442.700	+		
#SAVANNAH	WD4AFY	444.000	+	UNCOR	
SMYRNA	N4IBW	444.650	+		
SNELLVILLE	W4CML	442.450	+	T	
SNELLVILLE	NE1H	443.050	+	T	
SNELLVILLE	W4GR	444.525	+	82.5	☺
ST SIMONS ISLAND	N4XGI	442.950	+	T131.8	☺
STATHAM	WW4T	442.300	+	T	☺
STOCKBRIDGE	N4JMD	443.325	+	T	
STONE MTN	KD4HPD	443.825	+	T123.0	
SUGAR HILL	N4YF	443.775	+	T82.5	
SUMMERVILLE	KS4QM	444.725	+	T123.0	☺
SWEAT MT/MARIETT	N4CLA	444.475	+		
TIFTON	KE4RJI	444.875	+	T	☺
VALDOSTA	WR4SG	444.350	+	T141.3	☺
VALDOSTA	KF4BJM	444.700	+	T141.3	
VIDALIA	KE4PMP	442.500	+	T88.5	☺
#WALESKA	KD4DXR	441.350	+	UNCOR	
#WALESKA	K4PLM	443.850	+	UNCOR	☺
WARM SPRINGS	N4UER	442.400	+		
WARNER ROBINS	WR4MG	442.900	+		
WATKINSVILLE	KD4AOZ	444.725	+	T123.0	☺
WAYCROSS	AE4PO	444.025	+	T141.3	☺
WOODSTOCK	KE4SJO	444.225	+		

920 MHZ

ATLANTA	KG4LMT	927.500	-	223.0	
LAWRENCEVILLE	N8EKA	927.687	-	PROP	
#SAVANNAH	WA4VHP	923.000	-	UNCOR	

1270 MHZ

ATLANTA/BELL	KB4KIN	1292.000	-		☺
ATLANTA/MARIETTA	N4NEQ	427.250	+		☺
DALTON ATV	N4BZJ	421.250	+		☺

KENTUCKY

10 METERS

BUCKHORN LAKE	K4XYZ	29.620	-	103.5	☺
INGLE	KA4UHL	29.680	-	PROP	☺
LOUISVILLE	KK4CZ	29.640	-		

6 METERS

ASHLAND	KC4QK	53.010	-	T107.2	☺
BUCKHORN LAKE	K4XYZ	53.730	-	PROP	☺
DORTON	WR4AMS	53.350	-	PROP	☺
HAZARD	K4TDO	53.850	-		☺
HIGHLAND HEIGHTS	AD4CC	53.330	-	123.0	☺
HIGHLAND HEIGHTS	W4YWH	53.750	-	PROP	☺
LAGRANGE	WB4WSB	53.950	-	PROP	☺
LAWRENCEBURG	N4EQT	53.130	-	T107.2	☺
LEXINGTON	KE4LGL	53.570	-		
LONDON	KE4ZJT	53.910	-	T100.0	☺
LOUISVILLE	KF4UAQ	53.290	-		
LOUISVILLE	N7BBW	53.430	-	T151.4	
LOUISVILLE	WB4LBR	52.025	+		
NANCY	KA4UHL	53.270	-	T100.0	☺
NICHOLASVILLE	N4ALG	53.090	-	PROP	
#STANTON	WD4KNE	53.810	-	UNCOR	☺
WAYNESBURG	KE4RKF	53.390	-	T100.0	☺
WILLIAMSBURG	KB4PTJ	53.070	-	T100.0	☺

2 METERS

ALLEN	K4ICN	147.300	+	T123.0	☺
#ARTEMUS	KE4INT	147.390	+	UNCOR	☺
ASHLAND	K4GEC	146.940	-		
ASHLAND	KC4QK	147.240	+	T107.2	☺
ASHLAND	WA8KWH	147.330	+		
BARBOURVILLE	KF4CME	147.135	+	100.0	
BARDSTWN/NELSN	WB4GGH	145.470	-	151.4	☺
BEREA	KF4OFT	146.715	-	100.0	☺

PLEASE NOTE

The Repeater Journal lists subtones used on repeaters ONLY if they are requested to be listed by the sponsor or owner. The listing of a subtone on any repeater does not in any way indicate it being a "Closed" repeater. Generally in most cases, the tones are used to eliminate noise problems and are listed at the owners request for users convenience.

BLACK MOUNTAIN	KB4DFK	147.210	+	T103.5	☺
BOWLING GREEN	WA4GOZ	146.625	-	PROP	
BOWLING GREEN	K4LOL	147.060	+	PROP	☺
BOWLING GREEN	W4WSM	147.165	+		☺
BOWLING GREEN	KA4CFW	147.330	+		☺
BOWLING GREEN-SO	W4WSM	146.655	-		☺
BROOKS	KY4KY	146.700	-	T151.4	☺
BUCKHORN LAKE	K4XYZ	147.375	+	T103.5	☺
CADIZ	KT4SH	147.195	+	103.5	☺
CANE VALLEY	WA4UXJ	146.640	-		☺
#CENTRAL CITY	WF4N	145.390	-	UNCOR	
CORBIN	WD4KWV	146.610	-		☺
COVINGTON	WR8CRA	147.390	+		
CRESTWOOD	KF4TOL	147.390	+	T151.4	☺
DANVILLE	WD4DZC	146.655	-		☺
DAVID	KC4KZT	145.310	-	T	☺
DAWSON SPRINGS	KF4CWK	147.090	+	T103.5	
#DIXON	N4IOX	147.255	+	UNCOR	
DORTON	KC4KZT	146.895	+	T141.3	☺
DRAKESBORO	KF4DKJ	146.820	-	T	
ELIZABETHTOWN	W4BEJ	146.980	-		☺
ELKTON	KA4NNE	146.805	-	151.4	
FARMINGTON	W4GZ	147.240	+	T91.5	☺
FLEMINGSBURG	KF4BRO	146.955	-	T107.2	☺
FLORENCE	K4JBV	146.895	-	100.0	☺
FRANKFORT	N4EQT	147.105	+	T107.2	☺
FRANKFORT	KC4AI	147.240	+	T100.0	
FRANKLIN	KE4SZK	147.135	+	PROP	
GEORGETOWN	KF4NTQ	146.685	-	107.2	☺
GLASGOW	KY4X	146.940	-	114.8	☺
GRAYSON	KD4DZE	146.700	-	107.2	☺
GREENVILLE	WA4TTC	146.745	-		
GRETHEL	KJ4VF	147.045	+	T100.0	☺
HALLS GAP	W8PRH	145.170	-		☺
HARLAN	WA4ZAC	147.105	+		
HAZARD	KF4SJO	146.670	-		☺
HAZARD	W8PRH	146.805	-		☺
HENDERSON	W4KVK	145.490	-		
#HENDERSON	K4DPP	146.970	-	UNCOR	
HIGHLAND HEIGHTS	W4YWH	146.790	-	123.0	☺
HIGHLAND HTS.	K4CO	147.255	+	T123.0	☺
#HODGENVILLE	W4LJM	147.315	+	UNCOR	☺
HOPKINSVILLE	KF4FO	146.710	-		
HOPKINSVILLE	KD4ULE	147.030	+	T103.5	☺
HUEYSVILLE	KF4ZTB	145.470	-	T79.7	☺
HYDEN	KF4TLT	147.240	+	186.2	☺
IRVINE	W4CMR	146.820	-	192.8	☺
IRVINE	AD4RU	147.015	+		
IRVINGTON	WB4WVH	146.900	-		☺
JACKSON	WA4MXO	145.410	-		☺
#JONATHAN CREEK	N4SEI	146.985	-	UNCOR	
LAWRENCEBURG	N4EQT	145.390	-	T107.2	☺
LEBANON	WD4JZH	147.345	+	T151.4	
LEBANON JCT.	KD4YGK	147.150	+	PROP	☺
LEESBURG	KC4UPE	145.110	-	T192.8	
LEXINGTN/GRGTWN	W8PRH	145.210	-		☺
LEXINGTON	AD4YJ	145.250	-	110.9	
LEXINGTON	WB4CWF	145.490	-		
LEXINGTON	AC4AO	146.730	-		
LEXINGTON	K4KJQ	146.760	-		☺
LEXINGTON	WA4HBM	147.165	+		☺
LEXINGTON	KJ4VF	147.195	+		☺
LITCHFIELD	KY4SP	147.225	+	179.9	
LONDON	KE4ZJT	147.180	+	T151.4	☺
LONDON	KC4ZFH	147.285	+	T	
LOUISA	N8QCW	147.390	+	127.3	☺
LOUISVILLE	KG4CCW	145.150	-	141.3	
LOUISVILLE	W8PRH	145.230	-		☺
LOUISVILLE	AC2DC	145.290	-	T151.4	
LOUISVILLE	KK4CZ	145.410	-	127.3	
LOUISVILLE	W4PF	146.880	-		
LOUISVILLE	W4PJZ	147.030	+	151.4	☺
LOUISVILLE	N4MRM	147.070	+	T151.4	☺
#LOUISVILLE	KA4KMT	147.120	+	UNCOR	
LOUISVILLE	W4CN	147.180	+	88.5	☺
LOUISVILLE	WB4EJK	147.270	+	151.4	
LOUISVILLE	KQ9Z	147.360	+		
LOUISVILLE AREA	N4UL	145.130	-	T151.4	☺
LYNN GROVE	KA4BLZ	146.895	-	T210.7	
MADISONVILLE	KC4FRA	146.610	-		☺
#MARION	KA4FGA	147.285	+	UNCOR	
MAYSVILLE	KF4BRO	145.470	-	T107.2	☺
MIDDLESBORO	W4PPM	146.775	-		
MILLARD	KD4RTR	146.745	-	T141.3	
MONTECELLO	WB9SHH	146.955	-	PROP	
MONTICELLO	KY4JW	145.150	-		☺
MOREHEAD	KJ4VF	145.130	-	T100.0	☺
MOREHEAD	K4GFY	146.910	-	T123.0	
#MT. STERLING	WD4KNE	147.330	+	UNCOR	☺
MURRAY	K4MSU	146.940	-		☺
NANCY	KA4UHL	146.790	-	T100.0	☺
#NEBO	AA4NI	146.730	-	UNCOR	
OWENSBORO	N4WJS	146.685	-	110.9	☺
OWENSBORO	AD4MU	146.865	-		
OWENSBORO	K4HY	147.210	+	110.9	☺
OWINGSVILLE	N4TLP	147.075	+		
PADUCAH	K4CUW	146.655	-	T	
PADUCAH	KD4DVI	146.760	-		
PADUCAH	W4NJA	147.060	+	103.5	☺
PAINTSVILLE	N4KJU	145.270	-	T	☺
PARIS	KE4OOS	147.045	+	PROP	
PHELPS	KJ4YK	147.090	+		☺
PIKEVILLE	AD4BI	145.150	-	107.2	☺
PIKEVILLE	KM4IV	146.850	-		
PRESTONSBURG	WB4UBY	147.165	+		☺
PRINCETON	W4KBL	145.230	-	103.5	
PRINCETON	W4KBL	146.670	-		
#PROVIDENCE	N4IUI	147.330	+	UNCOR	
RADCLIFF	AI4HB	145.350	-	173.8	
RADCLIFF	W4BEJ	146.925	-		☺
RICHMOND	KE4YVD	145.370	-	T192.8	☺
RICHMOND	KG4AEU	146.865	-	192.8	☺
ROCKFIELD	KG4FEJ	145.450	-	136.5	
ROCKPORT	KD4BOH	145.270	-	77.0	
SALEM	KC4VXR	147.315	+		
SALVISA	KC4ZOX	146.835	-	T192.8	☺
SALYERSVILLE	KB4SQI	145.190	-	T127.3	☺
SANDY HOOK	KF4WMM	147.135	+	T107.2	
SHELBYVILLE	KE4LR	147.000	+		☺
SO. PORTSMOUTH	KC8FKP	145.390	-	136.5	
SOMERSET	KA4UHL	146.880	-	77.0	☺
SPRINGFIELD	WA4SJH	147.300	+		
ST. CHARLES	KE4AIE	147.270	+		☺
STANTON	N4VOS	145.290	-		
STANTON	W8PRH	146.970	-		☺
STINETT	KF4TLT	147.345	+	PROP	
TOMPKINSVILLE	KJ4OG	146.775	-		
VANCEBURG	AE4SK	146.775	-		☺
VERSAILLES	KF4INN	145.330	-		
WADDY	KS4TO	146.910	-	T107.2	
WALTON	K4CO	147.375	+	123.0	☺
WEBSTER	K4ULW	146.625	-	T151.4	☺
WEST LIBERTY	KG4GQC	145.230	-	107.2	
WILLIAMSBURG	KG4M	147.000	+		
WINCHESTER	WB4ASZ	147.120	+		☺

220 MHZ

ASHLAND	KC4QK	223.940	-		☺
BUCKHORN LAKE	K4XYZ	224.460	-	PROP	☺
DORTON	WR4AMS	224.520	-		☺
GARRETT	KF4ZTB	224.260	-	PROP	
HAZARD	WR4AMS	224.820	-		☺
IRVINE	AD4RU	224.940	-		
LANCASTER	KD4RXF	224.560	-		
LAWRENCEBURG	N4EQT	224.900	-	T107.2	☺
LEXINGTON	AC4AO	224.420	-		
LEXINGTON	KR4BD	224.800	-		☺
LONDON	WR4AMS	224.980	-		☺
LOUISVILLE	KA4MKT	224.300	-		
LYNCH	K4TDO	224.320	-	PROP	
META	WR4AMS	224.380	-	PROP	
MIDDLESBORO	WM4MD	224.120	-	T82.5	☺
NANCY	KA4UHL	224.100	-	T100.0	☺
PIKEVILLE	WB4F	224.580	-		
PIKEVILLE	KD4DAR	224.620	-		☺
PRESTONSBURG	WR4AMS	224.720	-	PROP	
SHEPHERDSVILLE	N4FND	224.500	-	T151.4	☺
SOMERSET	N4AI	224.300	-		☺
SOMERSET	N4AI	224.880	-		☺
VERSAILLES	AD4CR	224.220	-		

440 MHZ

ALLEN	N4IWZ	444.775	+	T123.0	☺
#ASHLAND	KC8ERN	444.750	+	UNCOR	
ASHLAND	KC4QK	444.975	+	T107.2	☺
BARDSTOWN	KT4GB	443.000	+		☺
BEATTYVILLE	KC4UPE	444.825	+	T192.8	
BOWLING GREEN	W4HTB	426.250	+		☺
BOWLING GREEN	W4WSM	444.100	+		☺
BOWLING GREEN	N5KOL	444.700	+	T136.5	☺
BROOKS	KY4KY	443.700	+	151.4	☺
BRUSHY FORK	KF4WMM	444.600	+	88.5	
BUCKHORN LAKE	K4XYZ	443.400	+	103.5	☺
BURLINGTON	KD4EVB	443.525	+	T107.2	☺
CANE VALLEY	W4LJM	443.950	+	T	☺
CORBIN	KF4IFC	444.275	+	79.7	☺
CORBIN	WB4IVB	444.900	+	T100.0	
COX'S CREEK	AE4NU	443.450	+	T151.4	☺
DAVID	KC4KZT	443.900	+	T167.9	☺
DAWSON SPRINGS	KU4MJ	444.275	+		☺
DORTON	KD4RTR	442.150	+	167.9	
DORTON	KJ4VF	443.250	+		☺
DRY RIDGE	KC4COV	444.425	+	118.8	☺
ELIZABETHTOWN	W4BEJ	421.250	+		☺
ELIZABETHTOWN	W4BEJ	444.800	+		☺
ELKHORN CITY	KD4RTR	444.300	+	167.9	
FALMOUTH	KD4EVB	443.825	+	118.8	☺
FLORENCE	KC4COV	443.175	+	T131.8	☺
FLORENCE	KC4COV	443.475	+	T131.8	☺
FLORENCE	KC4COV	444.175	+	T131.8	☺
FORT WRIGHT	KY4DJ	441.850	+	PROP	
FORT WRIGHT	KY4JD	442.525	+	T123.0	☺
FOSTER	KU4ML	443.125	+		
FRANKFORT	K4NGQ	442.175	+	T67.0	
FRANKFORT	WA4CMO	443.325	+		
FRANKLIN	KD4TAH	443.225	+		
GARRETT	KF4JJD	442.400	+	79.7	☺

KENTUCKY REPEATERS CONTINUE

GEORGETOWN	KF4NTQ	443.625	+		
GILBERTSVILLE	W2HR	442.850	+	T103.5	
GLASGOW	KY4X	444.925	+		☺
GLASGOW/CVCTY	KF4DC	444.250	+		
GRAEFENBURG	N4HZX	443.550	+		
GRETHEL	KJ4VF	444.525	+		☺
HARLAN	KD4CDX	442.625	+	PROP	
HAWESVILLE	KB4QFL	444.625	+		
HAZARD	K4TDO	443.975	+	103.5	☺
HENDERSON	KY4K	444.725	+	T203.5	
HIGHLAND HEIGHTS	W4YWH	444.900	+	123.0	☺
HOPKINSVILLE	KE4AIF	444.750	+	T103.5	
HORSECAVE	KF4QZN	444.850	+	PROP	☺
HUDSON	KY4SP	444.900	+	179.9	
INDEPENDENCE	KB8SBN	444.075	+	T110.9	☺
IRVINE	W4CMR	442.900	+		☺
IRVINE	AD4RU	444.000	+		
LATONIA	AA4XV	442.400	+	T	
LAWRENCEBURG	N4EQT	443.925	+	T107.2	☺
LEWISPORT	K4DC	444.550	+		☺
#LEXINGTON	KY4ATV	923.250	-	UNCOR	☺
LEXINGTON	KD4ADJ	442.050	+		☺
LEXINGTON	KE4OOL	443.025	+	T123.0	
LEXINGTON	KB8QLC	444.125	+	88.5	☺
LEXINGTON	KC4DUU	444.550	+		☺
LEXINGTON	KE4ISR	444.725	+	T	
LEXINGTON	N4DUE	444.950	+		☺
LOUISVILLE	N4ORL	442.000	+		
LOUISVILLE	KB4RYM	442.500	+		
LOUISVILLE	WD4ELX	442.550	+		
LOUISVILLE	KB4YJ	442.725	+	151.4	
LOUISVILLE	WD9EQC	443.500	+		
LOUISVILLE	N4UL	444.100	+	173.8	☺
LOUISVILLE	KG4JNM	444.300	+	156.7	
LOUISVILLE	N4NMC	444.600	+	T151.4	
LOUISVILLE AREA	N4RBL	442.100	+	T	
LOUISVILLE AREA	KD4CLR	442.450	+	T151.4	☺
LOUISVILLE SW	K4ULW	443.350	+		☺
MADISONVILLE	KC4FIE	442.425	+		☺
MADISONVILLE	AE4LW	442.575	+	T100.0	
MADISONVILLE	KC4FIE	442.775	+		☺
MADISONVILLE	KC4FIE	444.600	+		☺
MAMMOTH CAVE	KF4QZN	444.475	+	T179.9	☺
MANCHESTER	KD4GMH	444.500	+	PROP	
MARION	KR4PF	444.200	+	T100.0	☺
MAYSVILLE	KF4BRO	443.500	+	T123.0	☺
META	WB4UBY	443.500	+		☺
MIDDLESBORO	WM4MD	442.325	+	T67.0	☺
MIDDLESBORO	KD4PBC	443.150	+	PROP	
MIDDLESBORO	WB4IVB	444.150	+	T100.0	
MILLARD	KD4RTR	443.425	+		
MONTICELLO	WB9SHH	444.750	+		
MOREHEAD	K4GFY	442.500	+	T	
MORGANTOWN	KF4QZN	444.425	+	T179.9	☺
MT STERLING	KD4ADJ	442.600	+		☺
MURRAY	K4MSU	443.800	+	T114.8	☺
NANCY	KA4UHL	443.600	+	T100.0	☺
NEBO	AA4NI	444.850	+		
NICHOLASVILLE	KC4UPE	444.775	+	T167.9	
NICHOLASVILLE	WB4CWF	444.975	+		
OLIVE HILL	KO4LI	444.925	+		
OWENSBORO	N4WJS	443.100	+	T110.9	☺
OWENSBORO	N4WJS	443.650	+	110.9	☺
PADUCAH	KD4DVI	443.000	+	179.9	
PAINTSVILLE	N4KJU	441.525	+	127.3	☺
PHELPS	N4MVY	444.575	+		☺
PIKEVILLE	KD4RTR	444.200	+		
PIKEVILLE	KD4DAR	444.375	+		☺
PIKEVILLE	AD4BI	444.475	+		☺
PRESTONSBURG	K4AVY	443.825	+	127.3	
RICHMOND	KE4ISW	444.625	+	192.8	☺
RINEYVILLE	KF4RBD	444.225	+	PROP	
ROBINSON CREEK	KC4VYX	444.675	+		☺
ROCKPORT	KD4BOH	442.675	+	77.0	
ROCKPORT	KD4BOH	444.075	+	T77.0	
RUSSELLVILLE	KD4TAH	442.350	+	PROP	
SALEM	KC4VXR	444.825	+	T100.0	
SALVISA	KF4AWA	444.675	+	T203.5	☺
SALVISA	KC4UPE	444.875	+	T167.9	
SALYERSVILLE	KE4NLL	444.050	+	T127.3	☺
SHELBYVILLE	KE4YRE	442.375	+		☺
SHEPHERDSVILLE	KD4YGK	444.400	+	T203.5	☺
SIMPSONVILLE	KO4OT	444.450	+	T100.0	☺
SPRINGFIELD	WA4SJH	444.600	+		
STANTON	N4VOS	442.075	+		
VERSAILLES	KF4INN	443.775	+		
WADDY	KS4TO	443.225	+		
WALTON	K4CO	444.350	+	123.0	☺
WEBSTER	KY4SP	441.525	+		
WILDER	KC4COV	444.400	+	T131.8	☺
WILLIAMSBURG	KB4PTJ	444.050	+	100.0	☺

920 MHZ

LEXINGTON	KA4KMG	927.725	-	PROP	

MISSISSIPPI

10 METERS

BAY SAINT LOUIS	KB5MPW	29.640	-	PROP	

6 METERS

BAY SAINT LOUIS	KB5MPW	53.650	-	PROP	
ELLISVILLE	N5EKR	53.010	-	T	
JACKSON	W5PFC	53.470	-	PROP	
LAUREL	KC5PIA	53.450	-		☺
NETTLETON	AB5MU	53.050	-	192.8	

2 METERS

ABBEVILLE	WB5VYH	145.470	-	T107.2	
ABERDEEN	WB5USN	147.270	+		
ACKERMAN	NO5N	147.120	+		
AMORY	KB5DWX	146.940	-	T192.8	☺
AMORY	KB5DSN	147.090	+		
BAY ST. LOUIS	WB4FUR	146.700	-		
BILOXI	KC5IF	146.730	-		
BILOXI	K5TYP	146.790	-		
BOONEVILLE	K5YD	145.190	-	110.9	☺
BOONEVILLE	KI5WI	147.150	+		
BUDE	K5JMD	146.850	-	T103.5	
BYHALIA	N4DRL	145.350	-		☺
CHATAWA	WB5GOJ	145.310	-		
COLLINS	N5LRQ	146.985	-	T136.5	
COLUMBIA	N5LJC	147.285	+	PROP	
COLUMBUS	KC5ULN	146.625	-		☺
COLUMBUS	KC5ULN	147.000	+		☺
CORINTH	WB5VOJ	146.925	-	T107.2	
CORINTH	K5UFH	147.000	-		
CORINTH	KB5TGA	147.285	+		☺
D'IBERVILLE	KC5IF	145.410	-		
ELLISVILLE	N5EKR	146.955	-	T	
ELLISVILLE	N5DWU	146.865	+	T136.5	☺
ELLISVILLE	N5DWU	146.895	+	T136.5	☺
FLORENCE	KD5AXY	145.110	-	T	
FOREST	KC5QHP	147.390	+	T100.0	☺
#FRENCH CAMP	W5BJT	147.225	+	UNCOR	
FULTON	WX5P	145.450	-		☺
GLOSTER	KX5E	145.430	-	T136.5	
GREENVILLE	KG5SF	147.345	+		☺
GREENWOOD	KA5TQY	146.715	-		
GRENADA	W5LV	146.700	-		☺
GULFPORT	KA5VFU	147.375	+		☺
HATTIESBURG	W5CJR	145.190	-	T136.5	☺
HATTIESBURG	K5IJX	145.370	-	136.5	
HATTIESBURG	K5PN	146.775	-	T136.5	☺
HATTIESBURG	W5CJR	147.360	+		☺
HERNANDO	K5VV	146.910	-		
ISOLA	KC5OB	146.955	-		
IUKA	WB5MFK	146.850	-		
JACKSON	KB5KGE	145.390	-		
JACKSON	W5AXQ	146.760	-		☺
JACKSON	K5QNE	146.880	-	T100.0	☺
JACKSON	KA5SBK	146.940	-	100.0	☺
JACKSON	W5IQ	147.000	+	T	
JACKSON	NC5Y	147.075	+	T	
KILN	K5DMC	145.330	-		
KOSCIUSKO	W5LWC	146.850	-		
LAUREL	W5LAR	146.610	-		☺
LAUREL	WV5D	147.030	-	T	
LAUREL	KC5RC	147.255	+		
LOUISVILLE	KC5QGC	147.360	+		
LUCEDALE	WA5JZL	146.910	-		
MADISON	K5XU	146.640	-		☺
MAGEE	K5HYE	146.820	-	100.0	
MAGEE	KA5LNY	147.300	+		☺
MCCOMB	K5JMD	146.940	-	T	
MENDENHALL	KB5IKR	145.210	-	T100.0	
MERIDIAN	KC5ZZH	146.655	-		☺
MERIDIAN	W5FQ	146.700	-		☺
MERIDIAN	KI5FW	146.970	-	100.0	☺
MONTICELLO	N5JHK	147.015	+		
MOOREVILLE	WB5NAY	146.640	-		
MORTON	KB5LCL	147.045	+	T141.3	
NATCHEZ	W5KHB	146.685	-		
NATCHEZ	K5OCM	146.910	-	91.5	
NATCHEZ	K5SVC	147.360	+	100.0	
#NEW ALBANY	KC5VZI	145.230	-	UNCOR	
NEW ALBANY	W5UBG	146.670	-		
#NEW ALBANY	KC5VZI	146.745	-	UNCOR	
NEW HEBRON	N5MRS	147.090	+	T	☺
OCEAN SPRINGS	W5LDD	147.030	+		☺
PASCAGOULA	KE5SJ	146.880	-		
PASCAGOULA	N5PH	146.970	-	T	
PEARL/RANKIN CO	KF5IZ	147.150	+	T88.5	
PELAHATCIE	W5PBB	147.240	+	T77.0	☺
PHILADELPHIA	N5EPP	147.330	+		
#PICAYUNE	KE5LT	145.150	-	UNCOR	☺
PONTOTOC	WB5NAY	147.380	+		
PORT GIBSON	KE5WO	146.625	-		
PURVIS	KB5ZCX	146.670	-		
RICHTON	N5OCF	147.060	+	T	
SENATOBIA	KB5DMT	146.985	-	T107.2	☺
SHARON	N5ZQC	145.450	-	T100.0	
SOUTHAVEN	N5PYQ	145.370	-	T107.2	
STARKVILLE	KD5GVU	146.730	-	210.7	☺
STARKVILLE	KF5C	146.805	-	192.8	
#SUMNER	WB5FXH	147.090	+	UNCOR	
TUPELO	N5VGK	145.490	-		
TUPELO	N5ELS	147.240	+		
UNION	N5SPJ	147.210	+	T100.0	
UTICA	N5ZMZ	145.350	-		☺
UTICA	KC5TGT	146.730	-	PROP	
UTICA	N5ZMZ	147.345	+		
VANCLEAVE	W5WA	145.110	-	PROP	
#VANCLEAVE	KE5TL	147.000	-	UNCOR	☺
VICKSBURG	WJ5L	145.290	-		
#VICKSBURG	K5IMT	146.805	-	UNCOR	
VICKSBURG	K5ZRO	147.270	+	T100.0	
VOSSBURG	KB5UIX	147.135	+	136.5	
WALLS	N5NBG	145.270	-	T162.2	
WATER VALLEY	N5DXM	147.000	-		
WAYNESBORO	W5SAR	147.105	+		☺
WAYNESBORO	N5DWU	147.315	+		☺
WEST POINT	KC5LIO	147.180	+		☺
WIGGINS	KB5DZJ	145.270	-	T136.5	☺
WINONA	N5EYM	146.970	-	110.9	

220 MHZ

BYHALIA	N4DRL	224.500	-		☺
VICKSBURG	WB5OWY	224.780	-		
WARSAW	N4DRL	224.880	-		☺
WAYNESBORO	W5SAR	224.140	-		☺

440 MHZ

ABERDEEN	KD5AHI	444.450	+		
AMORY	KB5DSN	444.825	+		
BYHALIA	N4DRL	444.300	+		☺
CLERMONT HARBR	WD5BJT	444.150	+	T77.0	
CLINTON	KG5YV	444.000	+	T100.0	☺
ELLISVILLE	N5DWU	442.200	+	T167.9	☺
ELLISVILLE	N5DWU	442.250	+	T167.9	☺
GAUTIER	KA5NOJ	911.250	-		☺
GAUTIER	KA5NOJ	426.250	+		☺
GAUTIER	KC5LCW	443.450	+	123.0	☺
GLOSTER	N5ZNS	443.825	+		
GREENVILLE	N5PS	444.675	+		
HATTIESBURG	K5PN	443.700	+	T136.5	☺
HAZLEHURST	N5ZDF	443.950	+	T100.0	
HEIDELBERG	KC5RC	444.300	+	T100.0	
HICKORY FLAT	W4ZCD	444.725	+	T179.9	
INDIANOLA	AB5DU	444.850	+	136.5	
JACKSON	KB5LCL	444.450	+	T141.3	
JACKSON	KB5CO	444.600	+	T100.0	☺
JACKSON	NC5Y	444.700	+		
JACKSON	KB5CO	444.800	+		
JACKSON, EAST	AA5RZ	443.625	+		
MCCOMB	N5HTQ	444.875	+	T100.0	
MERIDIAN	KB5BRZ	444.100	+	131.8	☺
MERIDIAN	W5LRG	444.500	+	107.2	☺
NATCHEZ	N5IAT	443.800	+		
NETTLETON	AB5MU	444.625	+	192.8	
NEW ALBANY	WB5YCR	444.150	+		
NEW HEBRON	N5NNI	444.525	+	T	☺
O'REILLY	N5PS	444.975	+	PROP	
PEARL	KB5HAV	444.375	+	T88.5	
PETAL	W5CJR	443.350	+	T	☺
PHILADELPHIA	WB5YGI	444.950	+		
PICAYUNE	KE5LT	443.725	+	T179.9	☺
PINOLA	KC5LXF	444.850	+		
PORT GIBSON	KC5CLM	444.575	+	T141.3	☺
RAYMOND	W5PPB	443.600	+	77.0	☺
RICHTON	N5OCF	444.625	+		
SOUTHAVEN	NU5O	443.575	+	77.0	☺
SOUTHAVEN	N5PYQ	444.925	+	T107.2	
STARKVILLE	KD5GVU	444.750	+		☺
STENNIS SPC CEN	WB4FUR	444.650	+		
TUPELO	N5VGK	444.950	+	T192.8	
VICKSBURG	WB5TTE	444.925	+		
VOSSBURG	N5LRQ	442.725	+	T167.9	
WALLS	N5NBG	444.650	+		
WAYNESBORO	W5SAR	443.500	+		☺
WAYNESBORO	W5SAR	443.550	+		☺
WEST POINT	N5WXD	443.450	+		☺
WIGGINS	KB5DZJ	443.300	+	167.9	☺

NORTH CAROLINA

10 METERS

HIGH POINT	KE4QOX	29.640	-	T103.5	☺
NEWPORT	K4GRW	29.660	-	PROP	
ROCKY MOUNT	N4JEH	29.660	-		☺
THOMASVILLE	WW4DC	29.680	-	88.5	☺
WILKESBORO	KC4XE	29.620	-		☺
ZEBULON	WB4IUY	29.620	-		

6 METERS

AIR BELLOWS GAP	WA4PXV	53.750	-		
ASHEVILLE	WD4BQW	53.270	-		☺
BOONE	WA4NC	53.790	-	PROP	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

N. CAROLINA REPEATERS CONTINUE

CHAPEL HILL	W4UNC	53.450	-	T107.2	
CLINTON	W4TLP	53.330	-		
DURHAM	W4BAD	53.750	-		
EFLAND	WA1YYN	53.410	-	T107.2	
#FAYETTEVILLE	W4EBM	53.810	-	UNCOR	
GASTONIA/CRDR MT	N4XTF	53.110	-		
HENDERSONVILLE	W4FOT	53.130	-	T100.0	
KVILLE/HIPOINT	KF4QDS	53.590	-	T103.5	
LUMBERTON	KD4BGD	53.110	-		
MT MITCHELL	AB4JJ	53.630	-	T100.0	
MT. AIRY	N4DAJ	53.970	-	T100.0	
MT.AIRY/FANCY GP	KD4FWS	53.070	-	T100.0	
PITTSBORO	KD4JFN	53.230	-	T107.2	
RALEIGH	K4ITL	53.030	-		
RALEIGH	W4BAD	53.190	-	PROP	
REELSBORO	KF4IXW	53.090	-	T162.2	
ROCKY MOUNT	N4JEH	53.050	-		
SAURATOWN MT	N4QLX	53.210	-		
SOPHIA/RANDLEMAN	WR4BEG	53.350	-		
TARBORO	K4SER	53.110	-		
THOMASVILLE	KE4QOX	53.010	-	T88.5	
THOMASVILLE	WW4DC	53.170	-	88.5	
THOMASVILLE	WW4DC	52.525	+	T88.5	
W. JEFFERSON	AB4JJ	53.330	-	T100.0	
WILLIAMSTON	K4SER	53.310	-		
WILMINGTON	AD4DN	53.430	-	T88.5	
YOUNGSVILLE	KD4MYE	53.370	-	T	

2 METERS

AHOSKIE	WB4YNF	145.130	-		
AHOSKIE	WA4ZGQ	146.910	-	T131.8	
ALBEMARLE	K4OGB	146.985	-	T100.0	
ANDRWS/ROBNSVL	K4AIH	147.045	-	T151.4	
ANDSN MT/DENVER	K4CCR	145.170	-	88.5	
ASHEBORO	KJ4AV	147.255	+		
ASHEVILLE	WB4PLA	146.835	-		
ASHVL/MT PISGAH	WA4BVW	146.760	-		
ASHVL/SPIVEY MT	W4MOE	146.910	-	91.5	
BAKERSVILLE	KC4WPM	145.310	-		
BENSON	KD4BJD	146.970	-		
BETHEL	KD4EAD	147.375	+	T151.4	
BEULAVILLE	N4VBH	145.230	-		
BOONE/RICH MTN	WA4J	147.360	+	T103.5	
BREVARD	K4HXZ	147.135	+		
BROADWAY	K4ITL	147.105	+	T82.5	
BURGAW	KA4PAY	146.940	-		
BURLINGTON	K4FHB	146.670	-		
BURNSVILLE	KD4WAR	146.955	-		
BURNSVILLE	KD4WAR	147.375	+		
BUTNER	N4NCK	145.370	-		
BUTNER	WA4IZG	146.940	-	T156.7	
BUXTON	K4USB	146.625	-	131.8	
CANTON	W4DJB	146.805	+		
CARTHAGE	KG4BOS	147.240	+		
CHAPEL HILL	W4UNC	145.230	-	T107.2	
CHAPEL HILL	K4ITL	147.135	+	T82.5	
CHARLOTTE	W4BFB	145.230	-		
CHARLOTTE	W4BFB	145.290	-		
CHARLOTTE	WA4AOS	145.350	-		
CHARLOTTE	W4BFB	146.940	-		
CHARLOTTE	W4CQ	147.060	-		
CHARLOTTE	W4CQ	147.270	+		
CHERRY MTN	KG4JIA	147.240	+	94.8	
CHINA GROVE	N4XO	145.410	-	136.5	
CLAREMONT	WB4SRV	147.225	+	T162.2	
CLAYTON	WB4IUY	147.390	+	T88.5	
CLINTON	W4TLP	146.790	-		
COINJOCK	WN3X	145.290	-	131.8	
COLUMBIA	KB4TOH	146.835	-	T131.8	
CONCORD/KANNAP.	K4CEB	146.655	-		
CROSSNORE	KD4GLB	146.700	-	167.9	
#DOBSON	AD4T	146.925	-	UNCOR	
DUNN	N4CID	146.700	-		
DURHAM	WR4AGC	145.450	-		
DURHAM	WD4LDB	147.360	+		
EDEN/STONEVILLE	WA4QBG	147.390	+		
EFLAND	WA1YYN	147.180	+	T156.7	
ELIZABETH CITY	WA4VTX	146.655	-	131.8	
ELM CITY	K2IMO	145.150	-	T88.5	
FARMVILLE	K4ROK	145.270	-	T131.8	
FAYETTEVILLE	WA4FLR	147.330	+		
FAYVLLE/CFARS	WB4YZF	146.910	-	100	
#FOREST CITY	WA4BKU	146.670	-	UNCOR	
FRANKLIN	NT4K	145.490	-		
FRANKLIN	W4GHZ	147.240	+	T151.4	
GASTONIA	WD4LCF	145.450	-	T	
GASTONIA/CRWDR	K4GNC	146.805	-		
GASTONIA/SPCR MT	N4GAS	147.120	+		
GIBSONVILLE	WB4IKY	145.490	-	T107.2	
GOLDSBORO	KI4RK	145.330	-	100.0	
GOLDSBORO	K4CYP	146.850	-	T	
GRAHAM	K4GWH	147.375	+	T114.8	
GREENSBORO	W4GSO	145.150	-	100.0	
GREENSBORO	W4GG	145.250	-	T88.5	
GREENSBORO	K4GWH	146.760	-	T88.5	
GREENSBORO	KG4BTN	147.030	+	T131.8	
GREENSBORO	W4BUZ	147.210	+		
GREENVILLE	WD4JPQ	145.350	-	T131.8	
GREENVL/ESTN NC	W4GDF	147.090	+		
GRIFTON	W4NBR	146.685	-	88.5	
HATTERAS ISLAND	K4OBX	145.150	-	T131.8	
HAW RIVER	KD4JFN	146.715	-	T107.2	
HENDERSONVILLE	WB4YAO	146.640	-	T91.5	
HENDERSONVILLE	WA4KNI	147.105	+		
HENDSVL/BERWLW	WA4KNI	145.270	-		
HENDSVL/PENIC	WA4KNI	147.255	+		
HICKORY/BRT. MT	WA4DSZ	146.850	-		
HIGH PEAK MTN	K4OLC	145.210	-	94.8	
HIGH POINT	NC4AR	145.290	-	T88.5	
HIGH POINT	W4UA	147.165	+		
HILLSBOROUGH	WR4AGC	147.225	+		
#HOPE MILLS	W4KMU	146.835	+	UNCOR	
JACKSONVILLE	KA4SQN	145.190	-		
JACKSONVILLE	WD4FVO	147.000	-		
JEFFERSON	W4YSB	147.300	+	T103.5	
KANNAPOLIS	N4JEX	147.300	+	T136.5	
KILL DEVIL HILLS	W4PCN	145.110	-	T131.8	
KINSTON	W4OIX	145.470	-		
LAURINBURG	KI4RR	146.625	-		
#LENOIR	N4NIN	147.195	+	UNCOR	
LENOIR/HIBRITN	KN4K	147.330	+	T141.3	
LEXINGTON	N4LEX	145.310	-	T88.5	
LEXINGTON	K4IZM	146.910	-	T107.2	
LINCOLNTON	NC4LC	147.015	+	141.3	
LOCUST	WA4CHZ	147.390	+	T100.0	
#LUMBERTON	W4NHV	145.150	-	UNCOR	
LUMBERTON	W4NHV	147.045	+		
LUMBERTON	KD4PBK	147.165	+	T88.5	
LUMBERTON	W4PET	147.360	+		
MACO	KB4BR	147.060	+	T	
MADISON	WA4IXW	147.345	+	T103.5	
MARION	WD4PVE	146.985	-	118.8	
MILLERS CREEK	N4GGN	146.715	-		
MONROE/UCARS	NC4UC	145.390	-	T94.8	
MORGANTON	KC4QPR	146.745	-	94.8	
MORGANTON	K4VLY	147.150	+		
MOUNT AIRY	N4VRD	145.330	-	T100.0	
MT MITCHELL	WA4BVW	145.190	-		
MT. AIRY	N4VL	145.130	-	T103.5	
MURPHY/STALCUP	N4WCO	146.865	+	T151.4	
N. WILKESBORO	W4HF	145.370	-	T94.8	
NASHVILLE	WA4WPD	145.290	-	T107.2	
NEW BERN	W4EWN	146.610	-	T100.0	
NEWPORT	K4GRW	145.450	-		
NEWTON	K4CCR	147.075	+	T88.5	
ORIENTAL	W4SLH	147.210	+	T151.4	
OXFORD	N4NCK	145.170	-		
PITTSBORO	KD4JFN	147.075	+	T146.2	
RAEFORD	KU4W	145.430	-	100.0	
RALEIGH	W4RNC	145.130	-	T88.5	
RALEIGH	K4GWH	145.190	-	T156.7	
RALEIGH	WB4TQD	145.390	-	T82.5	
RALEIGH	W4BWC	145.490	-	T82.5	
RALEIGH	WB4TOP	146.610	-	T131.8	
RALEIGH	W4DW	146.640	-		
RALEIGH	W4BWC	146.730	-	T82.5	
RALEIGH	NC4SU	146.775	-	T88.5	
RALEIGH	WB4TQD	146.880	-		
RALEIGH	KD4MYE	147.015	+		
RALEIGH	KO4CW	147.195	+	T88.5	
RALEIGH/BENSON	AK4H	147.270	+		
RED SPRINGS	W4MZP	147.300	+		
REIDSVILLE	N4IV	146.850	-	T103.5	
#ROANOKE RAPIDS	N4WFU	145.310	-	UNCOR	
ROANOKE RAPIDS	KB4DJT	147.030	+		
ROANOKE RAPIDS	K4ITL	147.150	+	PROP	
ROBBINSVILLE	N4GSM	145.110	-	T151.4	
ROCKINGHAM	K4RNC	146.955	-		
ROCKY MOUNT	W4DCG	146.805	-	T118.8	
ROCKY MOUNT	WN4Z	147.120	+	T131.8	
ROLESVILLE	KF4HFQ	147.315	+	T88.5	
ROSEBORO	K4ITL	145.310	-		
SALISBURY	W4EXU	146.730	-	T94.8	
SAURATOWN MT	W4NC	145.470	-	T100	
SAURATOWN MT	KG4ASL	146.790	-	T107.2	
SAURATOWN MT	K4MPJ	147.315	+	T100.0	
SHALLOTTE	K4PPD	145.370	-		
SHALLOTTE	K4PPD	147.315	+		
SHALLOTTE	K4PPD	147.390	+		
SHELBY	W4NYR	146.880	-		
SHELBY	W4NYR	147.345	+		
SOUTHPORT	W4ZU	146.775	-	100.0	
SPARTA/GREEN MT	K4QFQ	145.430	-		
STAR/BISCOE	KI4DH	147.090	+	100.0	
STATESVILLE	KE4WSX	146.685	-		
#STATESVILLE	KC4MJC	147.045	+	UNCOR	
SWANSBORO	KB2XI	146.760	-		
SYLVA	KF4DTL	147.345	+	151.4	
THOMASVILLE	KF4QDS	146.610	-	T123.0	
THOMASVILLE	KB4BPV	146.835	+	T88.5	
THOMASVILLE	WW4DC	147.000	+	T88.5	
TRENTON	WB4TQD	145.210	-		
TRYON	KF4JVI	145.330	-		
TRYON	W4RCW	147.285	+		
WADESBORO	W4USH	146.835	-		
WANCHESE	W4ACY	146.940	-	T131.8	
WASHINGTON	WA4TEP	147.345	+		
WAXHAW	WA4ZRS	146.865	+	T94.8	
WAYNESVILLE	N4SM	147.270	+		
WAYNESVILLE	N4DTR	147.390	+		
WHITEVILLE	W4NTQ	147.210	+		
WILKESBORO	WB4PZA	146.820	-		
WILLIAMSTON	K4SER	145.410	-	T131.8	
WILMINGTON	N4CTJ	145.170	-	T88.5	
WILMINGTON	AD4DN	146.670	-	T88.5	
WILMINGTON	W4VNK	146.730	-		
WILMINGTON	K4GMP	146.820	-	T88.5	
WILMINGTON	WA4US	147.135	+	T67.0	
WILMINGTON	AC4RC	147.180	+	T88.5	
WILSON	WB4THL	146.760	-	131.8	
WILSON	WB4IUY	147.300	+	PROP	
WINSTON-SALEM	W4NC	146.640	-	T100.0	
YADKINVILLE	N4YSB	147.015	-		
YOUNGSVILLE	KD4MYE	145.110	-	88.5	

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880	-	T	
ASHEVILLE	KD4CJG	224.520	-	T91.5	
ASHEVILLE	WB4PLA	224.600	-		
ASHVL/MT PISGAH	WA4BVW	224.260	-		
BANNER ELK	WA4NC	224.840	-	PROP	
BARIUM SPRINGS	WA4WRS	224.300	-		
BIG KNB/MARS HIL	KE4RQL	224.660	-	100.0	
#BIG PHOENIX MTN.	KC4KUL	224.600	-	UNCOR	
BURNSVILLE	KD4WAR	224.740	-		
CANTON	N4DWU	224.820	-		
CHAPEL HILL	K4ITL	224.120	-	PROP	
CHARLOTTE	W4BFB	224.400	-		
CHERRY MTN	KG4JIA	224.640	-	PROP	
CHERRYVILLE	KC4ZTJ	224.960	-		
CLEMMONS	WB9SZL	224.700	-	T100.0	
DUNCAN	KM4TC	224.700	-	T88.5	
EDEN	N4IV	224.780	-	T103.5	
EFLAND	WA1YYN	224.660	-	T107.2	
FAYETTEVILLE	WB4YZF	224.560	-		
GASTONIA	KC4IRA	224.620	-	T127.3	
GOLDSBORO	W3PS	224.960	-	T156.7	
GREENSBORO	WB4GUG	224.440	-	T107.2	
GREENSBORO	N4QVI	224.960	-		
GRIFTON	WA4DAN	224.840	-		
#GRIMESLAND	WB4PAC	224.360	-	UNCOR	
HAW RIVER	KD4JFN	224.620	-	T107.2	
HENDERSONVILLE	N4UQS	224.960	-		
HENDSVL/BERWLW	WA4KNI	224.240	-		
HILLSBOROUGH	WR4AGC	224.260	-		
JACKSONVILLE	KA4SQN	224.320	-		
KERNERSVILLE	KD4LHP	224.820	-	T107.2	
KVILLE/HIPOINT	KE4QOX	224.240	-	T107.2	
LENOIR/HIBRITN	KN4K	224.160	-		
LOCUST	KC4FWC	224.480	-		
MARSHALL	WA4TG	224.360	-		
MT MITCHELL	WA4BVW	224.540	-		
OXFORD	N4NCK	224.740	-		
PLYMOUTH	KB7BTU	224.760	-	T131.8	
RALEIGH	K4ITL	224.160	-		
RALEIGH	W4RNC	224.640	-		
ROCKY MOUNT	NF4C	224.220	-		
ROCKY MOUNT	KR4AA	224.580	-		
SALISBURY	W4EXU	224.760	-		
SHELBY	W4NYR	224.060	-		
SHELBY	KC4ZTJ	224.460	-		
SOPHIS/RANDLEMAN	WR4BEG	224.140	-	T	
THOMASVILLE	WW4DC	224.340	-	T88.5	
TRENTON	WA4DAN	224.720	-		
WILMINGTON	WA4US	224.200	-	T	
WILMINGTON	AD4DN	224.500	-	T88.5	
WILMINGTON	WB4KPF	224.680	-		
ZEBULON	KD4WJD	224.800	-	T88.5	

440 MHZ

AHOSKIE	WB4YNF	444.200	+	T	
AIR BELLOWS GAP	WA4PXV	443.575	+		
ANDRWS/ROBINSVL	WD4NWV	442.600	+	T151.4	
ANDRWS/ROBINSVL	K4AIH	443.650	+	T	
ANDSN MT/DENVER	K4CCR	444.075	+	88.5	
APEX	KD4PBS	442.075	+	T114.8	
ARCHDALE	KC4KUL	443.300	+	PROP	
ASHEBORO	WD4ICX	442.325	+		
ASHEBORO	KE4QAP	444.975	+		
ASHEVILLE	WA4TOG	442.550	+		
ASHEVILLE	KD4GEU	442.650	+		
ASHEVILLE	KF4TLA	443.275	+	T103.5	
AUBURN	N4ZCM	442.275	+		
BLADENBORO	KC4FWC	444.725	+	77.0	
#BOONE/RICH MT	KC4FWC	444.575	+	UNCOR	
BREVARD	AG4AZ	442.850	+		
BRYSON CITY	N0SU	443.400	+	T151.4	
BURNSVILLE	KD4WAR	443.650	+		
CANTON	KE4UIU	443.475	+	T156.7	
CARY	K4JDR	444.775	+	T100.0	
CASTALIA	N4JEH	444.975	+	T107.2	
CHAPEL HILL	W4UNC	442.150	+	T131.8	
CHAPEL HILL	W4UNC	443.475	+	T131.8	
CHARLOTTE	W4PPN	421.250	+		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

N. CAROLINA REPEATERS CONTINUE

CHARLOTTE	KD4QWV	443.950	+		
CHARLOTTE	W4CQ	444.450	+		☺
CHARLOTTE	W4BFB	444.600	+	T100.0	☺
CHARLOTTE	W4WBT	444.675	+		☺
CHARLOTTE	W4CQ	444.850	+		☺
CHERRY MTN	KG4JIA	442.500	+	94.8	☺
CHINA GROVE	N4JEX	443.250	+	T136.5	☺
CLAREMONT	WB4SRV	443.775	+	T118.8	
CLAYTON	K4JDR	444.150	+	T100.0	☺
COLUMBIA	KB4TOH	443.300	+	131.8	☺
COLUMBUS	K4JLA	442.075	+	T103.5	☺
CRAB CREEK TWP	KB4PQA	443.125	+		☺
CROWDER'S MT	KD4FRP	443.675	+		
DALLAS CHLT	KC4YOZ	443.850	+	T100.0	
DALLAS/CHLT	WA1WXL	444.950	+	T136.5	☺
DURHAM	WR4AGC	444.100	+		
DURHAM	KB4WGA	444.925	+	T100.0	☺
DURHAM TV HILL	KJ4SO	421.250	+		
EFLAND	WA1YYN	442.050	+	T107.2	☺
ELIZABETH CITY	WA4VTX	444.300	+	131.8	☺
ELM CITY	K2IMO	442.325	+	PROP	
FAYETTEVILLE	WB4YZF	444.400	+	100HZ	☺
FOREST CITY	AI4M	443.300	+	T114.8	☺
FRANKLIN	N4DTR	444.375	+	T131.8	
GASTONIA	KG4LWG	442.775	+	T123.0	
GASTONIA/CRWDR	KC4ZTI	443.750	+		
GASTONIA/CRWDR	AG4EI	444.150	+	T	☺
GASTONIA/CRWDR	KC4YOT	444.750	+		☺
GASTONIA/SPCR MT	N4GAS	444.550	+		
GIBSONVILLE	WB4IKY	443.025	+	T107.2	☺
GIBSONVILLE	WB4IKY	444.350	+	T107.2	☺
GOLDSBORO	W3PS	443.050	+	T156.7	☺
GRAHAM	K4GWH	443.725	+	T156.7	☺
GRANTSBORO	KR4LO	444.350	+		☺
GREENSBORO	KO4AT	421.250	+		
GREENSBORO	KG4BTN	441.975	+	PROP	
GREENSBORO	W4GSO	442.875	+	T88.5	☺
GREENSBORO	KG4BTN	443.650	+	88.5	
GREENSBORO	K4GWH	444.225	+	T146.2	☺
GREENSBORO	KG4BTN	444.475	+	107.2	
GREENVILLE	WB4PMQ	444.800	+	T131.8	☺
HATTERAS ISLAND	K4OBX	444.925	+	T131.8	☺
HAW RIVER	KD4JFN	443.775	+	T107.2	
HENDERSON	KG4IWI	442.125	+	T88.5	☺
HENDERSON	KB4WGA	444.375	+	T100.0	☺
HENDERSONVILLE	WA4TOG	442.450	+		☺
HENDSVL/BERWLW	WA4KNI	444.250	+		
HICKORY	WA4PXV	442.375	+		
HICKORY	K4JEQ	444.000	+		
HICKORY	KF4LUC	444.800	+	T94.8	☺
HIGH POINT	W4UA	443.900	+		☺
HIGH POINT	KD4JFN	444.025	+	T107.2	
HILLSBOROUGH	WA1YYN	443.950	+	PROP	☺
HILLSBOROUGH	WR4AGC	444.450	+	T100.0	
#JACKSONVILLE	KE4JDP	444.675	+	UNCOR	
KANNAPOLIS	N4JEX	443.350	+	T136.5	☺
KERNERSVILLE	KF4DAR	442.975	+	T107.2	
KERNERSVILLE	KF4IXK	443.325	+	T131.8	
#KING/SAURATOWN	KE4QEA	444.200	+	UNCOR	☺
KINSTON	N4HAJ	444.425	+	PROP	
KINSTON	N4HAJ	444.575	+	T88.5	
KVILLE/H POINT	KE4QOX	443.700	+	T103.5	☺
LAKE GASTON	KF5TU	442.350	+	T100.HZ	
LENOIR/CAJAH MT	N4EUX	443.525	+		
LEXINGTON	KO0NTZ	442.275	+	T146.2	☺
LEXINGTON	K4AE	442.425	+	T107.2	☺
LEXINGTON	K4CH	442.925	+	T107.2	☺
LEXINGTON	WD4ICX	444.500	+		
LILLINGTON	W4FBC	444.175	+	PROP	
LINCOLNTON	WA4YGD	442.350	+		☺
LINVILLE	KC4UBR	442.175	+	T136.5	
LOCUST	WA4LBT	443.700	+		☺
LOUISBURG	N4EWS	444.250	+	88.5	
LUMBERTON	WB4DVN	444.625	+		
LUMBERTON	KD4BGD	444.700	+	T114.8	
MAYODAN	WA4WGY	443.975	+		☺
MCLEANSVILLE	WB4GUG	444.125	+	T	☺
MIDDLESEX	NE4J	444.650	+	T179.9	
MONROE	NC4UC	444.425	+	T94.8	☺
MORG/WALKER TOP	KC4QPR	442.300	+	94.8	☺
MORGANTON	KC4QZL	443.800	+	T	☺
MOUNT AIRY	N4XRY	444.925	+		
MT AIRY/FSH PK	KF4UY	444.825	+	T100.0	
MT MITCHELL	N4DWU	443.600	+		☺
NASHVILLE	N4JEH	443.700	+	T107.2	☺
NEW BERN	W4EWN	444.900	+	T100.0	☺
NEWPORT CCARS	W4YMI	444.975	+		☺
NEWTON	KE4KIV	442.625	+		
OLD FORT	KR4EX	444.775	+		
OXFORD	KC4WXA	444.600	+		
PIKEVILLE	KI4RK	443.000	+		☺
PINEY KNOB	KC4KPW	443.875	+	T103.5	
PITTSBORO	K1BUD	442.550	+	T	☺
PITTSBORO	KD4JFN	444.750	+	T146.2	
POLKVILLE	KC4ZTJ	444.975	+		
RALEIGH	N4LMR	442.450	+		
RALEIGH	W4MLU	442.575	+	T156.7	☺
RALEIGH	NC4SU	442.675	+	100.0	☺
RALEIGH	WA4NNA	443.125	+		☺
RALEIGH	N4ZCM	443.225	+	T	
RALEIGH	W1IFL	443.375	+	T	
RALEIGH	W4RNC	444.525	+	T88.5	☺
RALEIGH	K4GWH	444.825	+	T146.2	☺
RALEIGH	KD4RAA	444.875	+	T100.0	☺
RALEIGH	K4YEC	444.800	+	T107.2	☺
RALEIGH	WA1YYN	443.425	+	T156.7	☺
RES. TRIANGLE PK	WA1YYN	443.425	+		
RES. TRIANGLE PK	W4EUS	443.625	+		
ROANOKE RAPIDS	KA4BQM	444.550	+	T192.8	
#ROCKINGHAM	KC4FWC	443.825	+	UNCOR	☺
ROCKY MOUNT	N4JEH	444.700	+	T107.2	☺
ROCKY MOUNT	KG4IWI	444.725	+	PROP	☺
ROCKY MOUNT	WN4Z	444.850	+	T131.8	☺
ROLESVILLE	KF4HFQ	444.950	+	T88.5	
ROUGEMNT/RED MT	WA4WTX	443.275	+	100.0	
ROXBORO	KE4GYN	442.175	+	T156.7	☺
SALISBURY	W4HG	443.150	+	T136.5	
SALISBURY	KJ4HF	444.650	+	T88.5	☺
SAURATOWN MT	KE4QOX	443.100	+	T88.5	☺
SAURATOWN MT	WB4GUG	443.400	+	T107.2	☺
SELMA	KI4RK	444.000	+		☺
#SHELBY	W4NYR	427.250	+	UNCOR	
SHELBY	W4NYR	444.325	+		
SOPHIA/RANDLEMAN	WR4BEG	443.075	+		☺
SOUTHERN PINES	KD4QMS	444.800	+	T118.8	
SPIVEY'S CORNER	KD4DMS	442.875	+		
#STANFIELD	KC4FWC	443.200	+	UNCOR	☺
STATESVILLE	N4VOZ	443.450	+		
STATESVILLE	AE4GA	444.700	+	PROP	
TARBORO	N4JEH	444.500	+	T100.0	☺
TARBORO	N4NTO	444.925	+	T118.8	☺
TAYLORSVILLE	W4ERT	441.625	+	T123.0	
TAYLORSVILLE	W4ERT	442.950	+	T151.4	
THOMASVILLE	WW4DC	442.900	+	T88.5	☺
VALDESE	WA4PXV	442.600	+		
WAXHAW	WA4ZRS	444.525	+	T94.8	☺
WAYNESVILLE	N4DTR	444.450	+		
WENTWORTH	N4IV	442.100	+	PROP	☺
WEST JEFFERSON	AB4JJ	443.500	+	T107.2	☺
WILKESBORO	KE4DGP	442.475	+	T107.2	
WILKESBORO	KC4XE	443.550	+		☺
WILLIAMSTON	K4SER	444.250	+	T131.8	☺
WILMINGTON	N4JDW	442.075	+	T88.5	
WILMINGTON	WA4US	442.175	+		☺
WILMINGTON	WA4US	442.200	+	T	☺
WILMINGTON	K4YNY	442.500	+	T88.5	☺
WILMINGTON	AD4DN	443.400	+	T88.5	☺
WILMINGTON	WA4US	443.850	+		☺
WILMINGTON	WA4US	443.950	+		☺
WILMINGTON	WA4US	444.200	+		☺
WILMINGTON	WA4US	444.450	+		☺
WILMINGTON	WA4US	444.650	+		☺
WILMINGTON	K4GMP	444.850	+	T88.5	☺
WILSON	W4EJ	444.900	+	T179.9	☺
WINGATE	WB4U	444.875	+	T127.3	☺
WINSTON-SALEM	W4NC	444.275	+		☺
WINSTON-SALEM	KD4MMP	444.725	+	T107.2	☺
YADKINVILLE	KD4KMK	442.025	+	T100.0	
YADKINVILLE	N4AAD	442.800	+	T100.0	☺
YOUNGSVILLE	KD2LH	443.200	+	T88.5	☺
ZEBULON	KD4WJD	442.400	+		

920 MHZ

CONCORD	N2QJI	927.662	-	PROP	
RALEIGH	W4FAL	927.662	-	T156.7	☺
WAYNESVILLE	N4DTR	927.662	-	T131.8	

1270 MHZ

#CHARLOTTE	W4PPN	1253.250	+	UNCOR	
CONCORD	N2QJI	1282.525	-	PROP	
GASTONIA/CRWDR	AG4EI	1292.820	-		☺
WILMINGTON	AD4DN	1291.410	-	88.5	☺

SOUTH CAROLINA

10 METERS

SUMTER	W4GL	29.660	-		☺

6 METERS

BISHOPVILLE	K4NOC	53.090	-		
CHESTER	KF4SXO	53.290	-		
GVL/CSR'S HEAD	KO4MZ	53.410	-	T131.8	☺
LEESVILLE	N5CWH	53.270	-	T162.2	☺
LITTLE MOUNTAIN	KN4AS	53.190	-	T156.7	
MOUNTAIN REST	KF4IWA	53.590	-		
ORANGEBURG	AD4U	53.210	-		☺
ROCK HILL	KI4D	53.250	-	PROP	
SUMTER	W4GL	53.770	-		☺
WALTERBORO	KG4BZN	53.310	-	123.0	☺

2 METERS

AIKEN	KY4S	145.170	-		☺
AIKEN	N4ADM	147.285	+		☺
ANDERSON	N4AW	146.970	-		☺
ANDERSON/SAS MT	N4AW	146.790	-		☺
AWENDAW	K4LWS	147.300	+	T103.5	
BAMBERG	WA4DFP	145.330	-		☺
BARNWELL	KK4BQ	147.030	+	T156.7	☺
BEAUFORT	W4IAR	145.310	-		☺
BEAUFORT	KD4KOJ	146.655	-		☺
BISHOPVILLE	K4NOC	145.170	-	T123.0	
BISHOPVILLE	W4APE	146.925	-		☺
CAMDEN	KT4NZ	146.820	-	PROP	
CHARLESTON	WA4USN	145.250	-	123.0	☺
CHARLESTON	WA4USN	146.790	-		☺
CHARLESTON	KT4YW	146.835	-		
CHARLESTON	N7GZT	146.940	-	T	☺
CHARLESTON	KF4CDR	147.345	+	T	☺
CHARLESTON AR	WA4USN	145.410	-	PROP	☺
CHARLESTON AREA	WA4NK	147.270	+		☺
CHERAW	W4APE	145.490	-		☺
CHESTER	W4CHR	145.310	-		☺
CHESTER	KF4SXO	146.625	-		
CHESTERFIELD	KF4GPE	147.135	+		☺
CLEMSON UNIV	WD4EOG	145.450	-	T	
COLUMBIA	N7GZT	145.270	-	T162.2	☺
COLUMBIA	WB4NEP	146.715	-		
COLUMBIA	KF4GHC	147.330	+	156.7	
COLUMBIA	N4EOY	147.360	+		
DILLON/PEE DEE	NN4N	146.745	-		
EASTOVER	KT4BU	147.075	+	T156.7	☺
ELLOREE	KC4WIF	146.610	-	T118.8	
FLORENCE	W4ULH	146.850	-		☺
FLORENCE	W4GEY	146.970	-		☺
FLORENCE	W4APE	147.195	+		☺
FORT JACKSON	KF4GHC	146.775	-	T156.7	☺
FORT MILL	WZ4SC	145.110	-		☺
FORT MILL	W4DXA	147.180	+		☺
GAFFNEY	KN4RG	145.470	-	T141.3	☺
GEORGETOWN	KI4CB	147.375	+		☺
GREELEYVILLE	KG4AQH	145.230	-		☺
GREENVILLE	W4IQQ	146.940	-		☺
GREENWOOD	W4JAK	145.130	-	123.0	☺
GREENWOOD	W4GWD	147.165	+	107.2	☺
#GREENWOOD	K4LEO	147.375	+	UNCOR	
GRNVLE/CSRS HD	W4NYK	146.610	-		☺
GRNVLE/PARIS MT	W4NYK	146.820	-		☺
HILTON HEAD	W4IAR	147.240	+	T	☺
LANCASTER	W4PAX	146.700	-		☺
LANCASTER	AC4VT	147.240	+	T88.5	
LAURENS	KD4HLH	146.865	-	T107.2	☺
LEESVILLE	N5CWH	146.655	-	T162.2	☺
LEESVILLE	W4RRC	147.255	+	T123.0	☺
LEXINGTON	KA4FEC	147.390	+		☺
LITTLE MT.	K4AVU	147.210	+		
MARION	KD4HTW	147.000	-	T192.8	☺
MONCKS CORNER	WD4NUN	147.150	+	T	☺
MOUNTAIN REST	KU4OL	147.030	-		
MT PLEASANT	K4ESG	146.760	-	T	
MT. PLEASANT	N7GZT	145.450	-	T	
MYB BCH/BRKSVIL	N4LV	147.285	+		
MYR BCH/CONWAY	W4GS	145.110	-		☺
MYR BCH/CONWAY	KI4CB	145.470	-		☺
MYRTLE BEACH	W4GS	145.290	-	85.4	☺
MYRTLE BEACH	W4GS	147.120	+		☺
MYRTLE BEACH	K2PJ	147.240	+	PROP	☺
N. AUGUSTA	K4NAB	146.730	-	T	☺
#N. MYRTLE BEACH	K4NMB	147.030	+	UNCOR	
ORANGEBURG	KF4ATU	146.805	-	T156.7	☺
ORANGEBURG	N7GZT	146.880	-	T	
ORANGEBURG	KF4ATU	147.090	+	T156.7	☺
PAGELAND	W4APE	146.895	-		☺
PALMETTO	KB4RRC	147.345	+	PROP	
PICKENS	WT4F	146.700	-	107.2	☺
PICKENS	WB4YXZ	147.000	-		
PUMPKINTOWN	KU4ZS	145.290	-	PROP	
ROCK HILL	K4YTZ	147.030	-		
SAVANNAH RIVER	W4ZKM	145.450	-	PROP	☺
SENECA/LONG MT	WA4JRJ	147.270	+		
SIMPSONVILLE	WA4UKX	145.250	-	PROP	☺
SIMPSONVILLE	WA4UKX	146.730	-	100.0	☺
SMOAKS	KG4LAP	145.210	-		
SPARTANBURG	K4JLA	147.090	+		☺
SPARTANBURG	K4JLA	147.315	+		☺
ST. GEORGE	K4ILT	147.045	+	103.5	
ST. GEORGE	W4DTW	147.225	+		☺
ST. MATTHEWS	AD4U	146.670	-	T156.7	☺
SUMMERTON	N4LWY	145.150	-		
SUMMERVILLE	W4HNK	147.180	+	123.0	☺
SUMTER	K4JR	145.130	-		
SUMTER	K4JR	145.430	-	PROP	
SUMTER	W4GL	146.640	-		☺
SUMTER	W4GL	147.015	+	156.7	☺
SUMTER/SHAW	W4VFR	147.060	+		
UNION	K4USC	145.150	-		☺
UNION	K4USC	146.685	-		☺
WALTERBORO	KG4BZN	147.135	+		☺
WHITE HALL	WA4SJS	146.910	-		☺

220 MHZ

BISHOPVILLE	K4NOC	224.860	-		

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

S. CAROLINA REPEATERS CONTINUE

CHARLESTON	KA4NRL	224.180	-		☺
COLUMBIA	N7GZT	224.160	-		
COLUMBIA	KC4SWI	224.640	-		☺
COLUMBIA	N4EOY	224.900	-		
CROSS	KB4VFD	224.580	-		
FLORENCE	N4JJ	224.940	-		☺
FORT MILL	WZ4SC	224.800	-		☺
GAFFNEY	KG4JIA	224.500	-	PROP	☺
GREENVILLE	W4ILY	224.200	-		☺
GRNVL/DOWNTWN	W4NYK	224.920	-	88.5	☺
LEESVILLE	N5CWH	224.560	-	T162.2	☺
LITTLE MTN	K4RWN	224.520	-		☺
ORANGEBURG	KO4BR	224.780	-		☺
PICKENS	AC4RZ	224.280	-		
PICKENS	WB4QHF	224.400	-	T131.8	☺
PICKENS/CSRS HD	WB4QHF	224.140	-	T131.8	☺
PICKENS/SASFR MT	W4IT	224.320	-		☺
SUMTER	W4GL	224.120	-		☺
SUMTER/SHAW	W4VFR	224.660	-		
WEST SPRINGS	KN4CW	224.440	-		☺

440 MHZ

AIKEN	AC4WW	443.400	+	T107.2	☺
ANDERSON	KD4HEY	442.750	+	PROP	
BISHOPVILLE	K4NOC	444.500	+	123.0	
BLUFFTON	WA4MPZ	442.675	+	100.0	☺
CHARLESTON	KF4CDR	442.775	+	T	☺
CHARLESTON	N4MNH	444.300	+		☺
CHARLESTON	KD4PBC	444.950	+	103.5	
CLEMSON UNIV.	WD4EOG	444.625	+	T156.7	
CLOVER	KC4KPJ	443.725	+	PROP	☺
COLUMBIA	N7GZT	442.200	+	162.2	
COLUMBIA	KF4GHC	444.200	+	T156.7	☺
COWPENS	KE4EAN	443.625	+	T136.5	☺
EASLEY/SAS MTN	AC4RZ	444.925	+	T103.5	
FLORENCE	W4ULH	444.000	+		
FORT MILL	WZ4SC	443.475	+		☺
GAFFNEY	AI4M	442.000	+	114.8	☺
GEORGETOWN	N5NAY	444.925	+	T	☺
GREELEYVILLE	KG4AQH	441.525	+	PROP	☺
GREENVILLE	KB4PQA	442.250	+		☺
GREENWOOD	W4GWD	443.900	+	107.2	☺
GRNVLE/PARIS MT	ND4N	443.350	+		☺
KNIGHTSVILLE	WA4USN	441.350	+		
LAKE MURRAY	N4UHF	444.650	+	T	
LANCASTER	KC4AC	444.100	+		
LAURENS	KD4HLH	443.175	+	T146.2	☺
LAURENS	KF4Y	443.775	+	T141.3	☺
LEESVILLE	N5CWH	443.500	+	162.2	☺
LEXINGTON	N4GUP	421.250	+		
LIBERTY	N4VDE	443.975	+	PROP	
LITTLE MT	NK4W	442.975	+	T162.2	
MOUNTAIN REST	AE4PZ	442.775	+	T127.3	☺
MT PLEASANT	W4HNK	443.800	+	123.0	
MT. PLEASANT	WA4USN	441.450	+	PROP	
MYB BCH/BRKSVIL	N4LV	444.525	+		
MYR BCH/CONWAY	W4GS	444.675	+	T85.4	☺
MYRTLE BEACH	K2PJ	444.575	+	85.4	☺
NO. CHARLESTON	KT4YW	444.600	+		
ORANGEBURG	N7GZT	442.200	+	T	
ORANGEBURG	WM3O	444.975	+		☺
PICKENS	WT4F	442.125	+		☺
PICKENS/CSRS HD	WB4QHF	442.400	+	T127.3	☺
ROCK HILL	KC4KPJ	444.725	+	PROP	☺
SIMPSONVILLE	AA4LB	442.725	+	T100.0	☺
SPARTANBURG	KU4ZS	442.175	+	PROP	
SUMMERVILLE	KC4ED	442.300	+	T	
SUMMERVILLE	W4HNK	443.800	+		☺
SUMTER	WZ4O	421.250	+		
SUMTER	W4GL	444.150	+	123.0	☺
UNION	K4USC	442.100	+		☺
WALTERBORO	KG4BZN	444.550	+	123.0	☺

TENNESSEE

10 METERS

GALLATIN/BNA	W4CAT	29.640	-	T107.2	☺
GREENEVILLE	WB4NKM	29.640	-		
MEMPHIS	W4ZJM	29.620	-	T*#	
SPRINGFIELD	N8ITF	29.680	-	88.5	
TELLICO PLAINS	AJ4D	29.620	-	PROP	

6 METERS

CHATTANOOGA	K4VCM	53.350	-		☺
COOKEVILLE	WA4UCE	53.190	-	PROP	☺
DRESDEN	KE4OVN	53.710	-	T107.2	
GALLATIN	WA4BGK	53.050	-	T114.8	
GEORGETOWN	WD4OAR	53.730	-	PROP	
GUTHRIE (TN/KY)	KA4ZKL	53.230	-		
KINGSPORT	K4GX	53.430	-	PROP	
#KNOXVILLE	WA4YON	53.250	-	UNCOR	
KNOXVILLE	N4OQJ	53.550	-	PROP	
KNOXVILLE	W4BBB	53.770	-	1000.0	☺
KNXVL/ENG MT	WB4IOB	53.150	-		☺
LAFOLLETTE	K4BGW	53.170	-	PROP	
MARYVILLE	KC4PDQ	53.370	-		☺
MEMPHIS	WA4KOG	53.010	-		
MEMPHIS	K4RDK	53.550	-		
MEMPHIS	W4GMM	53.930	-	T107.2	☺
MONTEAGLE MTN	NQ4Y	53.450	-	114.8	☺
MORRISTOWN	KF4FTD	53.030	-	PROP	
MORRISTOWN	KQ4E	53.230	-		
NASHVILLE	WA4BGK	53.010	-	T114.8	
NASHVILLE	N4ARK	145.210	-		☺
OAK RIDGE	WD4GYN	53.110	-		
ROAN MTN	KD4SQB	53.310	-		
#ROGERSVILLE	K4GX	53.750	-	UNCOR	
SEVIERVILLE	KD4PBC	53.090	-	PROP	
SPRINGFIELD	N8ITF	53.150	-	107.2	
WAVERLY	NO4Q	53.090	-		☺

2 METERS

ALAMO	WB4EDS	147.135	+		
ANDERSON CTY	KF4BVQ	146.700	-	T100.0	☺
ARNOLD A.F.B.	KC4FV	147.195	+		☺
ATHENS	KG4FZR	145.150	-	T141.3	☺
ATHENS	WA4PNI	145.310	-	T141.3	☺
BENTON	K4SIR	145.450	-	T	
BLOUNTVILLE	W4CBX	147.000	+		☺
BOLIVAR	AF4O	147.045	+		☺
BRADEN	WA4KOG	145.490	-		
BRISTOL	W4UD	146.670	-		☺
BRISTOL	WD4CYZ	146.880	-		
BROWNSVILLE	KB4YTU	145.430	-		
BROWNSVILLE	KD4AOK	146.655	-		
BRSTL/HOLSTN MT	K4JP	146.760	-		
BRUCETON	WF4Q	145.170	-	T107.2	☺
BUCKSNORT	WF4Q	145.430	-	T107.2	☺
CARLISLE	KT4WS	145.250	-		☺
CARTHAGE	N4OTT	145.190	-		☺
CHARLESTON	KD4LDU	147.060	-	T141.3	
CHATTANOOGA	K4CMY	145.130	-		☺
CHATTANOOGA	W4AM	145.290	-	T118.8	☺
CHATTANOOGA	W4AM	145.390	-		☺
CHATTANOOGA	W4AM	146.610	-		☺
CHATTANOOGA	W4AM	146.790	-		☺
CLARKSVILLE	WD4SGA	147.000	+		
CLARKSVILLE	KF4L	147.390	+	T123.0	
CLEVELAND	W4GZX	146.925	-		☺
CLEVELAND	KD4NEC	147.105	+		☺
CLEVELAND	WD4DES	147.180	+	T118.8	☺
COLLEGEDALE	KA6UHV	147.000	+	T131.8	☺
COLLIERVILLE	WT4E	145.330	-	PROP	☺
COLUMBIA	W4GGM	147.120	+	T127.3	☺
COOKEVILLE	NQ4Y	145.110	-		☺
COOKEVILLE	WA4UCE	145.430	-		☺
COOKEVILLE	W4HPL	147.210	+		☺
CORNERSVILLE	WB4VXX	146.625	-	107.2	
CORNERSVILLE	KF4TNP	146.805	-	114.8	
CROSS PLAINS	K4BBN	147.345	+		☺
CROSSVILLE	W4EYJ	146.805	-	131.8	
CROSSVILLE	KF4DPU	146.865	-		
CROSSVILLE	KF4HNV	146.895	-	PROP	
CUMBERLAND CITY	WD4DBJ	145.330	-		
CUMBERLAND CITY	WA4TLZ	146.925	-	T127.3	
DANDRIDGE	WD4EGD	146.895	-	T	
DAYTON	K4PHT	147.345	+		
DAYTON/RHEA CTY	K4DPD	147.390	+		☺
DICKSON	KN4HL	147.375	+		☺
DOVER	N4VIH	145.410	-		
DRESDEN	KE4OVN	145.350	-	107.2	
DYERSBURG	W4MV	146.745	-		☺
ELIZTON/HOLS MT	KF4ZQA	145.290	-	T100.0	☺
ERWIN/PINNACLE	N4WXS	145.250	-	T	
ERWIN/UNICOI	KF4BRS	147.165	+		
EVA	AD4QG	147.090	+		
FAYETTEVILLE	W4BV	147.030	+		☺
FRANKLIN	W4XS	145.150	-		
FRANKLIN	WA4JA	147.255	+		
FRUITLAND	WF4Q	146.775	-	T107.2	☺
GALLATIN	W4LKZ	147.240	+	T114.8	☺
GALLATIN	WD4BKY	147.270	+	T114.8	☺
GALLATIN	W4CAT	147.300	+	T114.8	☺
GERMANTOWN	W2GLJ	145.210	-		☺
GRAY	WM4T	145.110	-		
GREENBRIER	WQ4E	147.075	+	T107.2	
GREENEVILLE	W4WC	145.390	-		☺
GREENEVILLE	N4FV	147.060	+	186.2	
GRNVL/VIKING MT	K4MFD	145.410	-	T173.8	☺
GTLBG/COVE MTN	WA4KJH	146.850	-	T127.3	
HARRIMAN	KA4QYI	146.640	-	T100.0	☺
HARRIMAN	KC4WHL	146.745	-		
HENDERSON	K4TC	147.105	+	T	☺
HUNTINGDON	KB4YTM	146.835	-		
JACKSON	KF4SC	145.310	-		☺
JACKSON	WF4Q	147.210	+	T107.2	☺
JACKSON	WB0TMC	147.270	+		
JAMESTOWN	K4NLP	147.090	+	T100.0	☺
JASPER	KD4XV	145.190	-	T127.3	☺
JOHNSON CITY	W4ABR	146.790	-		☺
JOHNSON CITY	KE4FH	147.270	+		☺
JONESBOROUGH	WD4OBW	146.925	-		☺
KNGSPT/BAYS MT	W4TRC	146.970	-		
KNOXVILLE	WB4GBI	145.170	-		☺
KNOXVILLE	WA4TEM	145.330	-		☺
KNOXVILLE	KB4KIE	145.370	-		
KNOXVILLE	WB4YLC	145.430	-		☺
KNOXVILLE	WB4GBI	145.470	-		☺
KNOXVILLE	WB4GBI	146.625	-	T100.0	☺
KNOXVILLE	KC4ROG	146.910	-	T	
KNOXVILLE	WB4GBI	146.940	-		☺
#KNOXVILLE	KD4CWB	147.000	-	UNCOR	
KNOXVILLE	WB4GBI	147.075	+		☺
KNOXVILLE	KD4CWB	147.195	+	PROP	
KNOXVILLE/RACK	W4BBB	145.210	-	T100.0	☺
KNOXVILLE/RACK	W4BBB	147.300	+	T100.0	☺
KNXVL/ENG MT	WB4IOB	146.730	-		☺
LAFAYETTE	KC4ECD	145.310	-	T151.4	☺
LAFOLLETTE	KA4OAK	145.130	-		
LAFOLLETTE	K4BGW	146.670	-		☺
LAFOLLETTE	KA4OAK	147.360	+		
LAKE CITY	WB4OAH	146.820	-		
LAVERNE	W4CAT	145.230	-		☺
LAWRENCEBURG	W4RDM	146.655	-	T	
LEBANON	W4LYR	147.105	+	T100.0	☺
LIVINGSTON	W5BAK	147.045	+		☺
MANCHESTER	W4UOT	146.700	-	T114.8	☺
MARTIN	N4ABU	146.625	-		
MARYVILLE/ALCOA	W4OLB	146.655	-		☺
MAYNARDVILLE	KB4KIE	145.230	-		
MCEWEN	NO4Q	147.225	+		☺
MCMINNVILLE	WD4MWQ	146.970	-		
MCMINVL/SHT MT	WB4LHO	145.490	-		
MCNAIRY	WF4Q	147.075	+	T107.2	☺
MEDINA	WA4RWK	146.970	-		
MEMPHIS	KF4ATY	145.130	-	T107.2	
MEMPHIS	K0JXI	145.150	-		
MEMPHIS	N4ER	145.250	-	T146.2	
MEMPHIS	K5FE	145.410	-	T107.2	
MEMPHIS	WA4KOG	145.450	-		
MEMPHIS	WB4KQQ	146.640	-		
MEMPHIS	KE4LFZ	146.730	-	T107.2	☺
MEMPHIS	W4KIB	146.790	-	T107.2	
MEMPHIS	W4BS	146.820	-	T	
MEMPHIS	WA4KOG	146.850	-		
MEMPHIS	WA4KOG	146.880	-		
MEMPHIS	N4BSM	146.940	-	T107.2	
MEMPHIS	W4ZJM	147.000	-	T*#	
MEMPHIS	W4EM	147.030	+		☺
MEMPHIS	WA4MQQ	147.060	+		
MEMPHIS	W4GMM	147.090	+	T107.2	☺
MEMPHIS	N4WAH	147.120	+	T107.2	
MEMPHIS	WA4KOG	147.180	+		
MEMPHIS	WA4ADT	147.300	+	107.2	
MEMPHIS	W4BS	147.360	+	T107.2	
MONTEAGLE MTN	NQ4Y	145.410	-	T114.8	☺
MORGAN COUNTY	WD4ORB	147.330	+	T82.5	☺
MORRISTOWN	KQ4E	145.450	-		
MORRISTOWN	KQ4E	147.030	+		
MORRISTOWN	WB4OAH	147.225	+		
#MORRISTOWN	KQ4E	147.390	+	UNCOR	
MOUNTAIN CITY	KF4RBR	145.470	-	103.5	☺
#MT PLEASANT	KF4GHD	145.450	-	UNCOR	☺
MURFREESBORO	WB4LHO	145.170	-		
NASHVILLE	KC4WPS	145.130	-	T114.8	☺
NASHVILLE	N4ARK	52.525	+		☺
NASHVILLE	N4ARK	145.210	-		☺
NASHVILLE	WR3S	145.370	-		☺
NASHVILLE	N4ARK	145.470	-		☺
NASHVILLE	WA4PCD	146.610	-	T	
NASHVILLE	AF4TZ	146.640	-	T114.8	☺
NASHVILLE	AF4TZ	146.670	-	T114.8	☺
NASHVILLE	WA4PCD	146.760	-	T114.8	
NASHVILLE	W4SQE	146.790	-	T100.0	☺
NASHVILLE	W4AY	146.850	-	T114.8	☺
NASHVILLE	WA4PCD	146.880	-	T	
#NASHVILLE	NT4L	146.955	-	UNCOR	
NASHVILLE	KC4PRD	146.985	-		
NASHVILLE	AF4TZ	147.015	+	T	☺
NASHVILLE	K4AYN	147.045	+		
NASHVILLE	K4ZGA	147.180	+	T114.8	
NASHVILLE	AF4TZ	147.360	+	T	☺
NASHVILLE WEST	WA4PCD	147.150	+	T114.8	
NASHVL/FAIRVIEW	N4ARK	145.110	-	151.4	☺
NOLENSVILLE	WD4JYD	145.350	-	114.8	☺
OAK RIDGE	W4SKH	146.880	-		☺
OAK RIDGE	W4SKH	146.970	-		☺
OAK RIDGE	K4EAJ	147.120	+	T82.5	☺
OAK RIDGE	K4EAJ	147.150	+	T82.5	☺
OAKFIELD	WA4BJY	147.390	+	T	
ONEIDA	KB4PNG	145.350	-	PROP	
#ONEIDA	KB4PNG	146.820	-	UNCOR	☺
PARIS	K4KLX	147.360	+		
PETROS/FRZ HD MT	KJ4SI	147.255	+		☺
PIGEON FORGE	KD4CLA	145.270	-	T100.0	
PIKEVILLE	KF4JPT	147.285	+		☺
PULASKI	WD4RBJ	147.330	+	100.0	☺
PULASKI/MUSIC MT	W4JVO	146.775	-		
PURYEAR	WA4CEX	147.165	+		
RAMER	WB4MMI	146.700	-	T107.2	☺
RCKWD/MT ROSVLT	AA4KS	147.015	+		☺
#RICHLAND	KF4TNP	147.390	+	UNCOR	☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

TENNESSEE REPEATERS CONTINUE

RIDGETOP	K4DXC	145.290	-	114.8	☺
RIPLEY	KE4NTL	145.230	-	T100.0	☺
ROGERSVILLE	KD4HZN	147.315	+	T114.8	☺
SALTILLO	KB4JUB	146.715	-		
SARDIS	AF4OQ	147.195	+	T94.8	
SELMER	WB4MMI	146.805	-	T107.2	☺
SHELBYVILLE	N4VFB	147.060	+		
SHILOH	WF4Q	145.290	-	T107.2	☺
SHORT MTN	W4YXA	146.910	-		
SOMERVILLE	KF4OID	145.110	-	107.2	
SPARTA	N4ARK	147.315	+	T123.0	☺
SPARTA/WHITE	KR4BT	147.165	+	T123.0	☺
TELLICO PLAINS	AJ4D	147.315	+	T141.3	
TRENTON	KN4KP	146.865	-		
UNION CITY	WA4YGM	146.700	-		
UNION CITY	WF4Q	147.015	+	T107.2	☺
WALLAND	KF4ARH	146.685	-	T88.5	☺
WARTBURG	AA4YQ	146.745	-		☺
WATERTOWN	K4EHL	146.730	-	T100.0	☺
WATERTOWN	W4LYR	146.835	-	T100.0	☺
WINCHESTER	W4UOT	146.820	-		☺

220 MHZ

BLOUNTVILLE	W4CBX	224.200	-		☺
CHATTANOOGA	K4VCM	224.780	-		☺
CLEVELAND	KK4US	224.320	-		
COALFIELD	KC4WGH	224.840	-	T88.5	☺
COLLIERVILLE	KB4YGI	224.400	-		
ERWIN	KB8FPK	224.180	-		☺
GALLATIN	W4CAT	223.980	-	107.2	☺
GALLATIN	KD4VUW	224.700	-		
GATLINBURG	W4UWH	224.620	-		
GREENBRIAR	WQ4E	224.800	-		
GREENBRIER	WQ4E	224.760	-		
GREENEVILLE	W4WC	224.900	-	T100.0	☺
GREENEVILLE	WB4NKM	224.940	-		
HERMITAGE	WB4SJV	223.900	-		
JC/BUFFALO MT	KE4FH	224.780	-		☺
KNOXVILLE	WB4GBI	224.340	-	PROP	☺
KNOXVILLE	N4OQJ	224.380	-	100.0	
KNOXVILLE	N4KFI	224.580	-	T103.5	
KNOXVILLE	K4PCK	224.760	-		☺
KNOXVILLE/RACK	W4BBB	224.500	-	T100.0	☺
KNXVL/CROSS MT	KB4FZK	224.220	-	T100.0	
LAFOLLETTE	KA4OAK	224.280	-		
LAVERGNE	WR3S	224.360	-		☺
LEWISBURG	KF4TNP	224.100	-		
MEMPHIS	W4ZJM	223.940	-	T*#	
MEMPHIS	W4BS	224.420	-		
MEMPHIS	WA4KOG	224.780	-		
MORRISTOWN	N4RBB	224.400	-		
MORRISTOWN	KC4RGQ	224.640	-		
MURFREESBORO	KD4TZZ	224.600	-	123.0	☺
NASHVILLE	WR3S	224.160	-		
#NASHVILLE	KC4TFQ	224.440	-	UNCOR	
NASHVILLE	WR3S	224.460	-		
NASHVILLE	K4ZGA	224.480	-		
NASHVILLE	WR3S	224.660	-		
NASHVILLE	N4PYI	224.740	-	T100.0	☺
NASHVILLE	KC4PRD	224.840	-		
NASHVILLE	WA4PCD	224.940	-	T	
NEWPORT	AC4JF	224.560	-	T100.0	☺
ONEIDA	KB4PNG	224.140	-		☺
ROGERSVILLE	KD4HZN	224.480	-		☺
S. PITTSBURG	WR3S	224.760	-		
SE NASHVILLE	WR3S	224.960	-		
SEVIERVILLE	N2FUV	224.440	-	T	
SEVIERVILLE	KD4IBW	224.700	-	T100.0	
SEVIERVILLE	KD4IBW	224.800	-		
SHORT MTN.	N4PYI	224.260	-	T114.8	☺
SIGNAL MT	W4RRG	224.920	-	PROP	☺
SMITHVILLE	WR3S	223.960	-		☺
SPRINGFIELD	KO4BN	224.220	-		
SPRINGFIELD	N8ITF	224.540	-	107.2	
SWEETWATER	WD9JGI	224.900	-	T127.3	

440 MHZ

ALAMO	WB4EDS	443.750	+		
ARNOLD A.F.B.	KC4FV	443.950	+		☺
BARTLETT	K4VVM	443.700	+	T107.2	
BARTLETT	WA4PAJ	444.250	+		
BIG SANDY	W4TLB	443.600	+	114.8	☺
BRICK CHURCH	KF4TNP	443.100	+	T167.9	
BRSTL/HOLSTN MT	K4JP	444.500	+		
CHAT/MNTLAKE MT	KD4UWA	444.875	+	T156.7	
CHAT/WALDEN	AF4ZJ	442.425	+		
CHATT/HIXSON	N4WT	442.900	+		☺
CHATTANOOGA	WJ9J	442.150	+		☺
CHATTANOOGA	KT4OL	443.125	+	PROP	☺
CHATTANOOGA	KT4OL	443.125	+	PROP	☺
CHATTANOOGA	WB4LRD	443.550	+		
CHATTANOOGA	KD4MSS	443.750	+	PROP	
CHATTANOOGA	KD4HII	443.900	+	T	
CHATTANOOGA	W4AM	444.100	+		☺
CHATTANOOGA	KE4LQY	444.150	+		☺
CHATTANOOGA	KD4HII	444.200	+	T	
CLARKSVILLE	WA4BZU	444.325	+	T107.2	☺
CLARKSVILLE	KF4GP	444.950	+	T167.9	
CLEVELAND	WD4DES	442.250	+	T118.8	☺
CLEVELAND	KD4NED	442.450	+	PROP	
CLEVELAND	W4GZX	444.275	+		☺
COLLEGEDALE	KA6UHV	443.575	+	T131.8	☺
COLLIERVILLE	KA7UEC	443.300	+	107.2	☺
COLLIERVILLE	KA7UEC	443.625	+	T107.2	☺
COLLIERVILLE	WT4E	444.625	+	T107.2	☺
COLUMBIA	W4RDM	442.725	+		
COLUMBIA	WA4AKM	444.925	+	T107.2	☺
CONCORD	KA4BNI	442.675	+	T107.2	☺
COOKEVILLE	WA4UCE	442.300	+	107.2	☺
COOKEVILLE	NQ4Y	444.550	+	T107.2	☺
COOKEVILLE	WS4S	444.600	+	T107.2	
CROSSVILLE	W4EYJ	444.950	+	T118.8	
CUMBERLAND CITY	WD4DBJ	443.400	+		
CUMBERLAND FU	KG4CEO	442.375	+	T107.2	☺
DAYTON	KJ4BJ	442.075	+		☺
DEASON	WA4AWI	443.350	+	T107.2	
DECATUR	KE4MBR	442.725	+	PROP	
DOVER	N4VIH	444.925	+		
DRESDEN	KA4BNI	442.150	+	T107.2	☺
DRESDEN	KE4OVN	443.850	+	T107.2	
ETOWAH	KF4CFO	442.275	+	141.3	☺
EVA	AD4QG	443.625	+		
FRANKLIN	N4ULM	443.850	+		
FRANKLIN	WA4AKM	444.725	+	T107.2	☺
GALLATIN	WD4BKY	444.000	+	T	☺
GALLATIN	WD4BKY	444.350	+	T114.8	☺
GALLATIN	W4CAT	444.450	+	T107.2	☺
GALLATIN	WA4AKM	444.775	+	T107.2	☺
GATLBG/COVE MT	WA4KJH	443.300	+	T127.3	
GATLINBURG	KD4PBC	443.150	+	PROP	
GERMANTOWN	W2GLJ	444.175	+		☺
GOODLETTSVILLE	KC4PRD	443.125	+	107.2	
GRAY	WM4T	442.200	+	T100.0	
GREENBRIER	WQ4E	444.250	+		
GREENEVILLE	W4WC	443.200	+	100.0	
GREENEVILLE	WB4NKM	444.650	+	T100.0	
GREENEVILLE	K4GX	444.950	+	PROP	
HARRIMAN	KC4WHL	442.875	+	T136.5	
HARRIMAN	KC4WHL	444.025	+		
HENDERSON	KE4PFW	442.275	+		
HENDERSON	KU4RT	442.575	+		
HENDERSON	K4TC	444.750	+	T	☺
HICKORY VALLEY	KA4JXT	443.125	+	107.2	☺
HIXSON	KF4VWJ	444.750	+	PROP	
HOHENWALD	K4TTC	442.000	+		☺
HOHENWALD	WB4NNX	444.850	+	T100.0	
HUNTINGDON	KB4YTM	444.375	+		
JACKSON	KA4BNI	442.425	+	T107.2	☺
JACKSON	KE4CES	442.900	+	T114.8	☺
JACKSON	WB0TMC	444.725	+	T107.2	
JAMESTOWN	KC4MJN	443.625	+	T100.0	
JASPER	KD4XV	442.050	+	T127.3	☺
JEFFERSON CITY	KD4TUD	444.625	+	T	
JOHNSON CITY	KE4FH	444.100	+		☺
JOHNSON CITY/BUF	WD4ATV	421.250	+		☺
JOHNSON CITY/HOL	WB4SQC	442.050	+	T100.0	☺
KNOX/ENGLSH MT	WB4HAP	444.600	+		☺
KNOXVILLE	WB4HAP	442.500	+	T103.5	☺
KNOXVILLE	N4UAG	443.025	+		
KNOXVILLE	KA4AZQ	443.075	+	PROP	
KNOXVILLE	KD4CWB	443.500	+	T	
KNOXVILLE	KA4AZQ	443.800	+	T100.0	
KNOXVILLE	KD4OBX	443.950	+		☺
KNOXVILLE	KD4CWB	444.000	+	PROP	
KNOXVILLE	KC4NNN	444.175	+	T	
KNOXVILLE	WB4GBI	444.300	+		☺
KNOXVILLE	KB4KSL	444.325	+		
KNOXVILLE	KC4NNN	444.425	+	T	
KNOXVILLE	KD4IBW	444.525	+	T100.0	
KNOXVILLE	KD4TZD	444.925	+		☺
KNOXVILLE/RACK	W4BBB	444.575	+	T100.0	☺
LAFAYETTE	KC4ECD	444.125	+	T107.2	☺
LAFOLLETTE	KB4OTK	443.700	+		☺
LAKE CITY	WD4LUR	442.800	+	T100.0	
LAVERGNE	WR3S	443.975	+	T	
LEBANON	WA4AWI	443.275	+	T107.2	
LEBANON	W4LYR	443.575	+	T100.0	☺
LEBANON	WA4AXH	444.275	+	T	
LEWISBURG	KF4TNP	442.100	+	107.2	
LEWISBURG	KG4JJB	444.075	+	107.2	
LEXINGTON	KA4BNI	442.075	+	T107.2	☺
LORETTO	KF4OCK	442.875	+	203.5	
MARYVILLE	K4BTL	442.000	+		
MARYVILLE	KC4PDQ	444.075	+	100.0	☺
MARYVILLE	KE4FGW	444.825	+	T100.0	☺
MCEWEN	KE4KNZ	443.925	+	T	
MCKENZIE	KD4KPV	443.875	+		
MCMINNVILLE	WD4MWQ	444.850	+	T	
MCNAIRY	WF4Q	444.550	+	T107.2	☺
MEDINA	WA4BJY	442.050	+		
MEMPHIS	W4GMM	442.175	+	T107.2	☺
MEMPHIS	NU5O	442.575	+	77.0	☺
MEMPHIS	WB4EPG	442.625	+		
MEMPHIS	WF4G	442.825	+		
MEMPHIS	W4ZJM	443.000	+	T*#	
MEMPHIS	KA4JXT	443.100	+	T107.2	☺
MEMPHIS	KA4JXT	443.125	+	T	☺
MEMPHIS	W4BS	443.200	+	T107.2	
MEMPHIS	WA4QWW	443.400	+		
MEMPHIS	N4ER	443.950	+	T	☺
MEMPHIS	K4RDK	444.025	+		
MEMPHIS	KF4ATY	444.075	+	107.2	
MEMPHIS	KA4JXT	444.100	+	T	☺
MEMPHIS	KA4JXT	444.125	+	T	☺
MEMPHIS	WA4KOG	444.400	+		
MEMPHIS	N4WAH	444.500	+	T	
MEMPHIS	K0JXI	444.800	+		
MEMPHIS	K5FE	444.825	+	107.2	
MEMPHIS	K7AG	444.850	+	T107.2	
MEMPHIS	WB4NNE	444.950	+		
MILAN	WD4PAX	442.100	+		☺
MONTEAGLE MT.	NQ4Y	441.250	+		☺
#MORRISTOWN	KD4LP	444.800	+	UNCOR	
MORRISTOWN	KQ4E	444.975	+	T	
MOUNTAIN CITY	K4DHT	443.925	+	T103.5	☺
MT JULIET	N4PYI	444.400	+	T	☺
MT JULIET	N4PYI	444.750	+	T156.7	☺
MT PLEASANT	KG4GCZ	443.175	+	107.2	
MURFREESBORO	KD4TZZ	441.875	+	107.2	☺
NASHVILLE	AF4TZ	421.250	+		☺
#NASHVILLE	WB4PUB	443.050	+	UNCOR	
NASHVILLE	KB5YJC	443.725	+	T107.2	☺
NASHVILLE	N4PYI	444.050	+	T107.2	☺
NASHVILLE	AF4TZ	444.150	+	T107.2	☺
NASHVILLE	N4ARK	444.200	+	T	☺
NASHVILLE	N4ARK	444.225	+	T114.8	☺
NASHVILLE	WA4BZU	444.300	+	T107.2	☺
NASHVILLE	WA4BGK	444.525	+	T107.2	
NASHVILLE	WA4PCD	444.550	+		
NASHVILLE	WA4WCK	444.575	+	T	☺
NASHVILLE	WA4TOA	444.625	+	T107.2	☺
NASHVILLE	WA4PCD	444.675	+	T	
NASHVILLE	N4PYI	444.800	+	T110.9	☺
NASHVILLE	WA4AKM	444.875	+	T107.2	☺
NASHVILLE	WA4AKM	444.975	+	T107.2	☺
NOLENSVILLE	WA4AXH	443.650	+	T	
OAK RIDGE	K4EAJ	444.400	+	T82.5	☺
OAKFIELD	WA4BJY	442.200	+	T	
ONEIDA	KT4PN	442.825	+		
PARIS	KC4YLL	442.950	+	123.0	
PARIS	AD4LR	443.675	+		
PIGEON FORGE	KD4CLA	444.350	+	T156.7	
PROSPECT	WA4AUX	444.600	+	T118.8	
PULASKI	WD4RBJ	442.150	+	118.8	☺
RAMER	WB4MMI	444.900	+	T	☺
RCKWOOD/OZONE	WJ9J	442.225	+		☺
ROCKWOOD	KA4WJS	443.975	+		☺
ROGERSVILLE	K4GX	443.350	+	T	
SEVIERVILLE	KD4IBW	443.675	+	T100.0	
SEVIERVILLE	N4CKB	444.725	+	T123.0	☺
SHELBYVILLE	WA4PZN	442.700	+	T	
SHELBYVILLE	KC4KRM	443.825	+		☺
SHRT MT/MURFREB	W4CAT	444.650	+	T107.2	☺
SMITHVILLE	N4PYI	444.825	+	T107.2	☺
SODDY DAISY	WJ9J	444.450	+		☺
SPARTA	KR4BT	444.375	+	123.0	☺
SPENCER	KA4MHJ	443.775	+	123.0	☺
SPRINGFIELD	N8ITF	442.600	+	107.2	
SUMMITVILLE	N4ZKR	444.475	+	T107.2	☺
SWEETWATER	KG4KIJ	443.725	+	PROP	
TRI-CITIES	KD4PBC	443.150	+	PROP	
WATERTOWN	W4LYR	444.900	+	T100.0	☺
WAVERLY	NO4Q	442.225	+	110.9	☺
WHITE HOUSE	W4KOC	443.900	+	T107.2	
WHITE OAK MT	WD4OAR	442.925	+	100.0	☺

920 MHZ

LEWISBURG	KF4TNP	920.500	-	
MORRISTOWN	KQ4E	920.800	-	
NASHVILLE	K4ZGA	923.250	-	

1270 MHZ

LEWISBURG	KF4TNP	1285.300	-	
MEMPHIS	N4HKS	1292.000	-	
NASHVILLE	WA4AKM	1284.400	-	☺
NASHVILLE	KD4EEW	439.250	+	
SMITHVILLE	WA4AKM	1286.500	-	☺

VIRGINIA

10 METERS

FANCY GAP	KE4QOX	29.660	-	T123.0	☺
NEWPORT NEWS	W4CM	29.600	+		
STERLING PARK	KD4DN	29.680	-		

6 METERS

ALEXANDRIA	W4HFH	53.130	-	
AMELIA	WB3R	53.390	-	
AMELIA COURTHSE	KB4YKV	53.110	-	
BALD TOP MT	AD4CG	53.910	-	

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

VIRGINIA REPEATERS CONTINUE

BEDFRD/THAX MT	N4CH	53.150	-		☺
BLUEFIELD	N8RIG	53.370	-	PROP	
BULLRUN	K8GP	53.450	-		
CHESTERFIELD	KD4SUU	53.430	-		
DANVILLE(DCC)	WB4GJG	53.130	-	T	
FANCY GAP	WA4CQK	53.290	-	T100.0	
GATE CITY	N4WWB	53.210	-		☺
GUM SPRING	KB4MIC	53.070	-	203.5	☺
HAMPTON	WA4OHX	53.890	-		
LEXNGTN/ROCK MT.	KI4ZR	53.010	-		☺
LYNCHBURG	KE4KEH	53.570	-	103.5	☺
MCCLEAN	K6LEW	53.370	-		
NEWPORT NEWS	KT4QW	53.250	-	T	☺
PEARISBURG	KE4JYN	53.470	-	T107.2	☺
RICE	KE4SFU	53.170	-		
ROANOKE	N4CH	53.250	-		☺
ROANOKE/POOR MT	WB8BON	53.090	-		☺
ROCKY MT/FERRUM	WD4KZK	53.270	-	T107.2	☺
VESTA	N4GBO	53.430	-	PROP	
WHITE TOP MTN	KB4YFV	53.650	-		

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610	-		
ABINGDON	NM4L	147.345	+	T103.5	☺
ACCOMAC	K4BW	147.255	+	T156.7	☺
ALEXANDRIA	K4US	146.655	-		
ALEXANDRIA	W4HFH	147.315	+		
ALTAVISTA	WA4ISI	146.655	-		☺
AMELIA	WB3R	145.190	-		
AMELIA COURTHSE	KB4YKV	147.180	+		
AMHERST	K4CQ	145.490	-	T136.5	☺
ARLINGTON	WB4MJF	145.150	-		
ARLINGTON	WB4MJF	145.470	-		
ARLINGTON	KF4JPC	146.625	-		
BEDFORD	N4CH	145.230	-		☺
BEDFORD	WB4JBJ	147.105	+		☺
BEDFRD/APL ORCH	WA1ZMS	146.685	-	T100.0	☺
BIG "A" MTN	KD4TC	146.805	+	T103.5	☺
BLACKSBURG	W9KIC	146.715	-		☺
BLAND	N4AZJ	145.350	-	T103.5	☺
BLUEFIELD	KD8XK	145.250	-	T100.0	☺
BLUEFIELD	W8MOP	145.490	-		☺
BLUEFIELD/ONEIDA	WZ8E	146.955	-	100.0	☺
BLUEMONT	WA4TSC	147.300	+		
BOYDTON	KD4ZTK	147.240	+		
CHARLOTTESVILLE	WA4TFZ	146.760	-	T151.4	☺
CHARLOTTESVILLE	WA4TFZ	146.925	-	T151.4	☺
CHESAPEAKE	WA4YSE	146.610	-		
CHESAPEAKE	N4SD	146.790	-		
CHESAPEAKE	W4CAR	146.820	-	T162.2	
CHESTERFIELD	KD4KWP	145.310	-	127.3	
CHESTERFIELD	KA4CBB	147.360	+		☺
#CLINCHCO	KK4MW	146.985	-	UNCOR	
CLINCHCO	KB4RFN	147.150	+	T88.5	
#CLINCHCO	WD4CYZ	147.255	+	UNCOR	
COEBURN	AD4OV	145.430	-	103.5	☺
COLONIAL HEIGHTS	KE4EUE	145.390	-	PROP	
COVINGTON	WA4HTI	146.805	-		☺
CULPEPER	AF4CY	145.410	-		
CULPEPER	W4CUL	147.120	+		
DANVILE/WHT OAK	K4AU	146.700	-	107.2	☺
DANVILLE(DCC)	WB4GJG	146.925	-	T107.2	
DUBLIN	W4CBM	146.670	-		
DULLES AIRPORT	W4DLS	145.310	-		
EASTVILLE	KC4KMY	147.345	+	T156.7	☺
ELK CRK/IRON MT	N4MGQ	147.240	+	T107.2	☺
ENON	WB4VWR	147.060	+	T107.2	☺
FAIRFAX	K4KXK	146.790	-		
FANCY GAP	NC4BL	146.970	-	T100.0	
FARMVILLE	KE4ZBH	145.330	-		☺
FARMVILLE	KE4ZBH	146.910	-		☺
FARMVILLE	N4CFA	146.955	-	T136.5	☺
FINCASTLE	W4WIC	146.640	-		☺
FOREST	AG4AN	146.775	-	PROP	
FRANKLIN	W4LG	147.300	+	T131.8	☺
FREDERICKSBURG	K4TS	147.015	+		
GALAX/BRIRP MT	W4BRC	147.090	+		☺
GARRISONVILLE	N4NW	145.270	-		
GATE CITY	N4WWB	146.820	-	T	☺
GLOUCESTER	W4HZL	145.370	-	T	☺
GOOCHLAND	N4TZE	147.090	+		
GREENBAY	K4ARO	145.150	-		
GRUNDY	K4HWQ	147.315	+		
GRUNDY/BIG A MT	KK4EH	146.835	-		☺
GUM SPRING	WB4IKL	147.270	+		☺
HAMPTON	WA4OHX	145.490	-		
HAMPTON	W4QR	146.730	-		☺
HAMPTON	KA4VXR	147.225	+	T136.5	
HARRISONBURG	N4YET	145.130	-		
HARRISONBURG	N4RAG	146.895	-		
HARRISONBURG	N4RAG	147.225	+		
HARRISONBURG	N4YET	147.315	+		
HIGH KNOB MT	K4QZJ	145.210	-		
JARRATT I-95	K4SVA	146.625	-	T100.0	☺
KINGS CROSSING	N5GQD	147.150	+		
LEXINGTON	KI4ZR	147.300	+	131.8	☺
LEXNGTN/ROCK MT.	KI4ZR	147.330	+		☺
LURAY	KE4JSV	147.030	+		
LYNCHBURG	KC4RBA	145.370	-	186.2	☺
LYNCHBURG	W4WWQ	146.610	-	136.5	☺
LYNCHBURG	AB4M	147.015	-	T131.8	☺
LYNCHBURG	WA4RTS	147.195	+	T136.5	☺
MANASSAS	W4OVH	146.970	-		
MARION	N4QLF	146.640	-	T103.5	
MARTINSVILLE	KF4KVG	147.285	+	T107.2	☺
MCLEAN	W4CIA	147.210	+		
MECHANICSVILLE	W4TTL	146.805	-	PROP	☺
MONTEREY	WD4ITN	147.180	+	T100.0	☺
MONTPELIER	KQ4RH	145.250	-	T	☺
MOUNTAIN LAKE	WZ8E	146.865	+	110.9	☺
MT.LAKE/BALD KNB	K4TUE	146.910	-	107.2	☺
NASA LANGLEY	KG4NJA	146.940	-	T	☺
NEWMARKET	W3MMC	146.625	-		
NEWPORT NEWS	W4MT	145.230	-	T100.0	☺
NEWPORT NEWS	W4CM	147.165	+		
NORFOLK	WA4ZUA	145.170	-	136.5	☺
NORFOLK	W4VB	145.330	-		☺
NORFOLK	KF8PT	146.700	-	PROP	
NORFOLK	AD4ZK	147.075	+		☺
NORTON	KF4VDF	146.865	-	T103.5	
NORTON/HIGH KNB	K4AXO	147.015	-	T88.5	
PAGECO	KD4DDI	146.670	-		
PATRICK SPRINGS	WG8S	147.120	+	T107.2	☺
PEARISBURG	N4AZJ	147.135	+	T100.0	☺
PEARISBURG	W4NRV	147.375	+	T100.0	☺
PETERSBURG	KE4SCS	146.985	-	PROP	☺
PETERSBURG	K4ARO	147.390	+		
PKS KB/PULASKI	N4NRV	147.180	+	T103.5	☺
PORTSMOUTH	W4POX	146.850	-		☺
QUANTICO	#W4NFR	147.345	+		
RADFORD/RINER	N3ZE	145.150	-		☺
RICHMOND	K4YPE	145.110	-		☺
RICHMOND	W4SQT	145.430	-		☺
RICHMOND	WB4QEY	146.640	-		
RICHMOND	W4RAT	146.880	-		☺
RICHMOND	W4ZA	146.940	-		☺
RICHMOND	WA4JST	147.030	-		
RICHMOND	KC4VDZ	147.135	+	T107.2	☺
ROANOKE	N2EDE	145.210	-	107.2	☺
ROANOKE	N4AP	146.940	-		
ROANOKE/POOR MT	K4ARO	145.390	-	T107.2	
ROANOKE/POOR MT	K4ROA	146.745	-	T107.2	☺
ROANOKE/POOR MT	W4CA	146.985	-		
ROANOKE/POOR MT	KB4QWO	147.270	+		☺
RUSTBURG	N4UTN	145.290	-	T	☺
RUSTBURG/LONG MT	N4UTN	146.835	-	T173.8	☺
SALEM	WA4V	146.880	-		
SALUDA	AA4HQ	145.450	-		☺
SMITHFIELD	WT4RA	147.195	+	T100.0	☺
SOUTH BOSTON	KF4LWH	145.350	-		
SOUTH BOSTON	KF4AGO	147.060	-		
SOUTH HILL	N4ZCM	145.470	-		
SPOTSYLVANIA	K4MQF	146.775	-		
STAUNTON	KD4KAU	145.450	-	T131.8	
STAUNTON	KD4WWF	146.700	-	T131.8	
STAUNTON	WA4ZBP	146.850	-	T131.8	
STAUNTON	W4WRN	146.970	-		
STAUNTON/EL.KB	KE4CKJ	147.045	+	T131.8	☺
STERLING	WA4TXE	146.700	-		
STUARTS DRAFT	KB4OLM	147.360	+		☺
SUFFOLK	W4LG	147.000	-	T100.0	☺
TYSONS CORNER	KF4QQP	146.910	-		
VIENNA	K4HTA	146.685	-		
VIRGINIA BEACH	WA4KXV	146.895	-		☺
VIRGINIA BEACH	WA4KXV	146.970	-		☺
VIRGINIA BEACH	WA4SBC	147.045	+		
WALKERTON	W4TTL	146.715	-		☺
WARRENTON	KB3BOI	145.350	-		
WARRENTON	NZ4N	147.165	+		
WARSAW	KA4ZIP	147.285	+		☺
WAYNESBORO	W4PNT	147.075	+		☺
WILLIAMSBURG	KF4ADM	145.410	-	127.3	
WILLIAMSBURG	K4RC	146.670	-	T	
WILLIAMSBURG	KB4ZIN	146.760	-		☺
WILLIAMSBURG	KB4ZIN	147.105	+		☺
WINCHESTER	KB3BOI	145.350	-		
WINCHESTER	W4RKC	146.820	-		
WOODBRIDGE	W4IY	147.240	+		
WYTH/WALKER MT	WB3T	146.895	-	T103.5	☺
WYTHEVILLE	WB3T	146.775	-	T107.2	☺

220 MHZ

ARLINGTON	WB4MJF	224.060	-		
ARLINGTON	WB4MWF	224.620	-		
BEDFORD	N4PLV	224.840	-		
BEDFRD/APL ORCH	WA1ZMS	224.180	-	T100.0	☺
BELL KNOB	WD4KHP	224.440	-		
BERRYVILLE	WD4KHP	224.400	-		
BERRYVILLE	WD4KHP	224.740	-		
BLUEFIELD	N8FWL	224.440	-	PROP	☺
BLUEFIELD	WA8O	224.920	-		
BLUEMTN	KF4VED	224.160	-		
CHARLOTTESVILLE	N4HRV	224.140	-	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	224.760	-		☺
DELTAVILLE	AA4HQ	224.900	-		☺
FAIRFAX	WB4YHD	224.100	-		
FANCY GAP	K4DQ	224.880	-	T100.0	
GLOUCESTER	W4GSF	224.620	-		☺
HAMPDEN-SYDNEY	W4JAS	224.200	-		
HAMPTON	WB4PVT	224.540	-	T100.0	☺
HARRISONBURG	N4YET	224.820	-		
HAYMARKET	WD4KHP	224.420	-		
HAYMARKET	WD4KHP	224.720	-		
LAKE GASTON	W4LG	224.600	-		☺
LEESBURG	N0NW	224.020	-		
LOVETTSVILLE	WB4FUJ	224.460	-		
LURAY	KE4JSV	224.360	-		
LYNCHBURG	AB4M	224.280	-		☺
MANASSAS	W4OVH	224.660	-		
MARTINSVILLE	K4RCA	224.500	-		
NORFOLK	KC4JGC	224.740	-	T100.0	
NORTON/HIGH KNB	WD4GSM	224.420	-		
PATRICK SPRINGS	WG8S	224.420	-	T103.5	☺
PEARISBURG	KQ4Q	224.860	-	107.2	☺
PETERSBURG	K4ARO	224.700	-		
RIDGEWAY	WS4W	224.380	-	T	
ROANOKE	N4CH	224.100	-		☺
ROANOKE/CAHAS MT	AB4EM	224.940	-		
ROANOKE/TINKER	K4YDG	224.900	-		☺
STAUNTON/EL KNOB	KE4CKJ	224.300	-	T131.8	☺
STUART	WB4GUG	224.200	-	T107.2	☺
TYSONS CORNER	KM4OI	224.340	-		
TYSONS CORNER	WD4KHP	224.420	-		
WAYNESBORO	KA4RCL	224.680	-	T131.8	
WINCHESTER	N3HXT	224.220	-		
WOODBRIDGE	W4IY	224.780	-		
WYTHEVILLE	K4YW	224.560	-	T77.0	☺

440 MHZ

ABINGDON	KB8KSP	442.975	+	T100.0	☺
ACCOMACK	K4BW	444.300	+	T156.7	☺
ALTAVISTA	WA4ISI	444.425	+	100.0	☺
AMELIA	KB4YKV	443.200	+		
ARLINGTON	KD4DSX	448.625	-		
ARLINGTON	W8HNT	449.325	-		
ARLINGTON	WB4MJF	444.150	+		
ARLINGTON	K4AF	444.550	+		
BASSETT	KF4RMT	442.725	+	PROP	
BEDFORD	N4CH	444.350	+		☺
BEDFRD/APL ORCH	WA1ZMS	442.650	+	T100.0	☺
BEDFRD/APL ORCH	WA1ZMS	443.800	+	T100.0	☺
BELL KNOB	WD4KHP	449.825	-		
BENT MT	K4YD	443.675	+	T107.2	
BERRYVILLE	WB2KPH	447.475	-		
BIG A MTN	KB4WTP	444.875	+		☺
BLACKSBURG	K4NRW	444.175	+	T103.5	☺
BLUEFIELD	W8MOP	442.450	+	PROP	
BLUEFIELD	W8MOP	444.450	+		☺
BLUEFIELD	WZ8E	444.625	+		☺
BLUEFIELD/ONEIDA	WB3T	443.325	+	T103.5	☺
BLUEMONT	WA4TSC	449.925	-		
BLUEMONT	WA4TSC	449.925	-		
BULL RUN MT	WA3KOK	447.775	-		
CHARLOTTESVILLE	KF4UCI	442.075	+	T151.4	☺
CHARLOTTESVILLE	WA4TFZ	444.250	+	T151.4	☺
#CHARLOTTEVILLE	KF4UCI	444.775	+	UNCOR	☺
CHESAPEAKE	W4CAR	444.000	+	T162.2	
CHESTERFIELD	WA3KOK	433.075	+	PROP	
CHESTERFIELD	KD4SUU	442.150	+		
CHESTERFIELD	WA3KOK	442.450	+	PROP	
COPPER RIDGE	KB4WTP	444.550	+	PROP	☺
COVINGTON	WA4PGI	442.250	+	T100.0	☺
DALE CITY	N8BOR	443.100	+		
DANVILE/WHT OAK	K4AU	444.700	+		☺
DANVILLE	KQ4I	443.850	+		☺
ENON	WB4VWR	444.200	+		☺
ENON	W4RDF	444.275	+	T114.8	
FAIRFAX	K4HTA	448.375	-		
FAIRFAX	WD4KHP	449.775	-		
FALLS CHURCH	WB4UNB	447.425	-		
FALLSCHURCH	KF4LWJ	444.300	+		
FANCY GAP	WD4ICX	433.200	+		
FANCY GAP	WB3T	444.050	+	T103.5	☺
FANCY GAP	N4OWU	444.375	+	T107.2	
FANCY GAP	WA4CQK	444.900	+	PROP	
FANCY GAP	KD4FWS	444.925	+	100.0	
FOREST	AG4AN	442.475	+	PROP	
FOREST	W8CXD	443.600	+	T136.5	☺
FOREST	WD4KQI	444.750	+		☺
FRONT ROYAL	N4MKH	449.225	-		
GASBURG	W4LG	442.000	+		☺
GATE CITY	N4WWB	444.700	+		☺
GLOUCESTER	N4XND	421.250	+		
GRETNA/SMITH MT	KD4TBC	444.075	+	T123.0	
GUM SPRING	KB4MIC	442.800	+		☺
HAMPTON	WA4OHX	443.750	+	100.0	
HAMPTON	W4QR	444.550	+	T167.9	☺
HARRISONBURG	N4YET	444.600	+		
HAYMARKET	KT4ER	448.325	-		

VIRGINIA REPEATERS CONTINUE

HAYMARKET	N3AUY	449.025	-		
HERNDON	N4LXI	443.000	+		
HIGHKNOB	N1TXI	447.725	-		
HILLSVILLE	KB4YFV	442.125	+	T103.5	
INDEPENDENCE	KF4ZIG	443.375	+	T103.5	☺
JONESVILLE	WB4IVB	442.575	+	T100.0	
LEXINGTON	KI4ZR	444.300	+		☺
LEXNGTN/ROCK MT.	KI4ZR	444.150	+		☺
LORTON	WD4KHP	449.725	-		
LYNCHBG/JACK MT.	KF4YI	442.400	+	T107.2	
LYNCHBRG/TOB MT	K4CQ	444.500	+	T136.5	☺
LYNCHBURG	K4CQ	923.250	-		☺
LYNCHBURG	AB4FU	442.950	+	T	
LYNCHBURG	KC4RBA	443.450	+	186.2	☺
LYNCHBURG/T.ROW	N4IFC	442.200	+	T103.5	
MADISON	N8HON	444.400	+		
MANASSAS	W4QVH	442.200	+		
MARION	WB3T	443.125	+	T103.5	☺
MARTINSVILLE	KF4RMT	443.825	+	T107.2	
MEADOWS OF DAN	WG4R	444.250	+	T103.5	☺
NASA LANGLEY	KG4NJA	443.650	+		☺
NEWPORT	K4TUE	441.950	+	PROP	
NEWPORT NEWS	W4MT	442.900	+	T100.0	☺
NORFOLK	AD4ZK	444.475	+	T127.3	☺
NORFOLK	WD4MIZ	444.675	+	T107.2	☺
OILVILLE	KB4MIC	444.800	+		☺
PATRICK SPRINGS	WG8S	443.175	+		☺
PATRICK SPRINGS	KC3FB	443.750	+	T77.0	☺
PEARISBURG	N4AZJ	444.975	+	T103.5	☺
PETERSBURG	K4ARO	442.600	+		
PETERSBURG	WB4KZI	443.825	+		
PORTSMOUTH	W4POX	443.800	+		☺
POUND	KF4VDF	444.850	+	PROP	
POWHATAN	KN4YM	443.100	+		☺
PULASKI	KE4CIF	442.775	+	T	☺
QUANTICO	N3QEM	447.975	-		
RICHMND/CHLTVL	N4EHJ	444.650	+		☺
RICHMOND	WA4AYB	441.600	+	PROP	☺
RICHMOND	KC4VDZ	442.300	+	T114.8	☺
RICHMOND	W4RAT	442.550	+	T127.3	☺
RICHMOND	AB4SF	444.850	+	T	☺
ROANOKE	K4ARO	442.600	+	T	
ROANOKE	W7CP	442.700	+	T	☺
ROANOKE	WB3T	444.325	+	T103.5	☺
ROANOKE/MILL MT	WD4KZK	442.750	+	T107.2	☺
ROANOKE/POOR MT	W4CA	442.500	+		☺
ROANOKE/POOR MT	KA4IXK	442.850	+		☺
ROANOKE/READ MT	WD4KZK	444.850	+	T107.2	☺
ROANOKE/TINKER M.	WB8BON	444.925	+		☺
SILER	WA4RS	449.175	-		
SLINGS GAP	WD4KZK	444.775	+	T107.2	☺
SOUTH BOSTON	KF4AGO	443.925	+		
SOUTH BOSTON	KF4LWH	444.625	+		
SOUTH HILL	KD4MJO	443.525	+	100.0	☺
SPOTSYLVANIA	N2XHZ	447.875	-		
SPOTSYLVANIA	KD4QNA	442.700	+		
SPOTSYLVANIA	K4MQF	442.850	+		
STAFFORD	K4HR	444.450	+		
STAUNTON	WA4ZBP	444.825	+	T131.8	
STAUNTON/EL KNOB	KE4CKJ	444.100	+	T131.8	☺
STERLING	WA4TXE	442.100	+		
STUART	WB4GUG	442.225	+	T107.2	☺
STUARTS DRAFT	KB4OLM	444.050	+		☺
TYSONS CORNER	KA3RQR	447.025	-		
TYSONS CORNER	KM4FI	443.500	+		
VIENNA	N4KOU	444.850	+		
VIRGINIA BEACH	WA4KXV	444.950	+		☺
WAYNESBORO	N3XA	426.250	+		
WHITETOP MT	KM4X	443.000	+	T103.5	☺
WILLIAMSBURG	KB4ZIN	444.100	+		☺
WILLIS	W4DUM	443.875	+		
WINCHESTER	W4RKC	448.775	-	146.2	☺
WINCHESTER	W4RKC	448.775	-		
WINCHESTER	W3CSG	442.000	+		
WINTERGREEN	K4CQ	444.550	+	T136.5	☺
WOODBRIDGE	W4IY	444.900	+		
WYTHE/WALKER MT	WB3T	442.000	+	T103.5	☺
WYTHEVILLE	WB3T	442.525	+	103.5	☺
YORKTOWN	N3ELM	443.550	+	T100.0	☺

920 MHZ

ALEXANDRIA	WA4CCF	919.600	-		
BEDFRD/APL ORCH	WA1ZMS	921.100	-	T100.0	☺
CULPEPER	KA4DCS	919.400	-		
LYNCHBRG/TOB MT	K4CQ	921.000	-	T100.0	☺
ROANOKE/POOR MT	WD4KZK	919.500	-	107.2	☺
TYSONS CORNER	K6LEW	919.500	-		
WOODBRIDGE	KA4DCS	919.800	-		

1270 MHZ

BEDFRD/APL ORCH	WA1ZMS	1283.100	-	T100.0	☺
ROANOKE/POOR MT	N4CH	1291.020	-		☺

2.4GHz

BEDFRD/APL ORCH	WA1ZMS	2411.600	+		☺

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620	-		
BECKLEY	KE4QOX	29.680	-	T88.5	☺
CHARLESTON	WB8CQV	29.640	-	203.5	
RICHWOOD	WA8YWO	29.660	-	T100.0	

6 METERS

ALDERSON	WV8BD	53.190	-		
BECKLEY	N8FWL	53.170	-	T123.0	☺
BECKLEY	WB8YST	53.590	-	T107.2	☺
CEREDO	KC8PFI	53.870	-		
CHARLESTON	WB8YST	53.630	-	T107.2	☺
FLATWOODS	N8CQQ	53.110	-	PROP	
GASSAWAY	AB8WB	53.210	-	T123.0	
LEWISBURG	KC8LRN	53.930	-	T131.8	☺
MARMT/CHARLSTN	N8PEI	53.750	-	T141.3	
RICHWOOD	WB8YST	53.710	-	T107.2	☺
SHIRLEY	KB8TJH	53.310	-		
SNOWSHOE	KC8CSE	53.330	-	T156.7	☺

2 METERS

AMBER RIDGE	KB8NJH	147.210	+	T107.2	☺
BECKLEY	KC8AFH	146.700	-	123.0	
BECKLEY	N8FWL	147.360	+	T123.0	☺
BECKLEY/BOLT MT	WV8B	145.170	-	T100.0	
BECKLEY/EOC	WV8BD	145.370	-		
BECKLEY/FLAT TOP	WV8BD	146.850	-		
BECKLEY/LAYLAND	N8FCJ	145.310	-	T100.0	
BECKLEY/OAK HILL	N8FWL	145.230	-	T100.0	☺
BERKELEY SPRINGS	KK3L	146.745	-		
BIRCH RIVER	N8FMD	145.270	-	T103.5	☺
BRIDGEPORT	WB8DKM	147.120	+	T	☺
BUCKHANNON	N8FHE	145.410	-		☺
BUCKHANNON	N8ZAR	146.850	-		
BUCKHANNON	N8ZAR	147.060	+	123.0	
CAPON MT	N8YIB	147.435	-		
CHARLESTON	W8GK	145.350	-	91.5	☺
CHARLESTON	WB8YST	145.430	-	T107.2	☺
CHARLESTON	WB8CQV	146.820	-	T192.8	☺
CHARLESTOWN	N8EIV	146.985	-		
CLARKSBURG	N8FMD	146.685	-	T103.5	☺
CLARKSBURG	N8FMD	147.210	+	T103.5	☺
COWEN	KC8ECX	146.835	-	110.9	
DANVILLE	WB8NAM	146.685	-	T	
DAVIS	KE8MR	147.135	+	T103.5	☺
ELKINS	WJ8G	145.230	-	T103.5	☺
ELKINS	KB8BWZ	146.775	-		
FAIRMONT	W8SP	145.350	-	T103.5	
FENWICK	KD8AB	146.940	-		
FLAT TOP/WINTRPL	WV8B	146.625	-	T100.0	
FLATWOODS	N8ZPX	146.655	-	T123.0	☺
FRANKLIN	W3RUA	147.345	+		☺
FROST	N8RV	145.110	-	107.2	☺
GASSAWAY	WB8MZI	146.610	-		
#GASSAWAY	AB8WB	147.240	+	UNCOR	
GLENVILLE	N8OYY	145.130	-		
GLENVILLE	WB8WV	145.290	-		
GRAFTON	WD8LNB	147.375	+	118.8	☺
HARISVL/PENSBRO	WB8NSL	147.300	+	T100.0	
HINTON	KC8CNL	147.255	+	100.0	☺
HUNTINGTON	WB8FEQ	145.210	-	162.2	
HUNTINGTON	W8VA	146.760	-		
HUNTINGTON/CHAS	N8HZ	146.640	-		☺
IAEGER	N8SNW	146.655	-	T203.5	
KEYSER	N8RCG	147.390	+	123.0	☺
#LENORE	KF8HL	145.390	-	UNCOR	
LEON	WD8OHX	147.180	+		
LEWISBURG	WB8SPW	146.730	-	T100.0	
LEWISBURG	N4RAG	146.760	-	T131.8	
LEWISBURG	WV8D	147.390	+	T100.0	
LOGAN SOUTH	NV8H	147.195	+	100.0	
LOGAN/SUMERCO	NU8K	147.345	+		
LOGAN/WRD RK MT	KJ8E	146.970	-		
MADISON	WB8NAM	147.120	+	T	
MARLINTON	N4RAG	147.090	+	131.8	
MARTINSBURG	WA8FSE	145.150	-		
MARTINSBURG	WB8YZV	147.255	+		
MARTINSBURG	K3MAD	147.345	+		
MCMECHEN	N8BQ	146.910	-		☺
MIDDLEBOURNE	WV8TC	147.360	+	T110.9	☺
MOOREFIELD	KD4SZR	145.190	-		
MORGANTOWN	K8LG	145.430	-		
MORGANTOWN	W8CUL	146.760	-		☺
MORGANTOWN	KE8MR	147.075	+	T103.5	☺
MT. ZION	N8LGY	145.450	-	T107.2	☺
MULLENS	KC8IT	147.030	+		
NEW MARTINSVILE	KF8LL	146.985	-		
OAK HILL	NM8T	146.790	-		☺
PARKERSBURG	WV8G	145.490	-		
PARKERSBURG	WC8EC	147.255	+		☺
PARKERSBURG	WD8CYV	147.390	+	T141.3	
PARKERSBURG (OH)	N8NBL	146.970	-		
PARSONS	K8VNQ	145.370	-	T118.8	☺
PHILIPPI	K8VE	145.150	-	103.5	☺
PINEVILLE	W8LG	147.285	+		
PRINCETON	KA8PNC	147.060	-		☺
PRINCETON	WB8NRK	147.225	+	T114.8	☺
PRINCETON/PIPEST	WD8OGY	146.925	-		
RAVENSWOOD	WD8JNU	146.670	-		☺
RED HOUSE	WV8AR	145.410	-	T123.0	☺
RICHWOOD	WB8YJJ	145.190	-	T	
RICHWOOD	AA8TH	147.015	+	T	
RICHWOOD	KB8YDG	147.150	+	T100.0	☺
ROCKPORT	KC8TLG	147.135	+	T123.0	
SALT ROCK	K8SA	145.110	-	T110.9	
SCOTT DEPOT	WV8AR	147.270	+	123.0	☺
SHIRLEY	KB8TJH	145.310	-	T	
SKYLINE	K7SOB	147.360	+	T127.3	
SMITHERS	NM8T	147.075	-		☺
SO. CHARLESTON	WB8CQV	146.880	-	203.5	
SPENCER	KA8AUW	147.105	+	100.0	☺
SPRUCE KNOB	N8HON	147.285	+		☺
ST.MARYS/BENS RG	WB8ECC	147.030	+		
SUMMERSVILLE	W8FG	145.470	-	100.0	
TERRA ALTA	KD8ZR	147.000	+	T	☺
UNION	W8IFL	145.410	-		
WEIRTON	W8CWO	146.940	-		
WELCH	K8KRS	145.450	-		☺
WESTON	WD8EOM	145.390	-		
WESTON	KA8TCF	147.165	+		☺
WHEELING	KA8YEZ	145.190	-	156.7	☺
WHEELING	W8ZQ	146.760	-		☺
WILLIAMSON	WR8M	145.330	-	T100.0	☺

220 MHZ

ANSTED	N8FWL	224.840	-	123.0	☺
BECKLEY	N8FWL	224.240	-	T123.0	☺
BECKLEY - SOUTH	N8FWL	224.740	-	PROP	☺
BECKLEY - WEST	N8FWL	224.540	-	123.0	☺
BECKLEY/OAK HILL	N8FWL	224.340	-	T123.0	☺
BERKELEY SPRINGS	KA3VLG	224.700	-		
CHARLESTON	WB8YST	224.360	-	107.2	☺
CHARLESTON	WS8L	224.700	-	PROP	
FLAT TOP/WINTRPL	WV8B	224.120	-	100.0	
GREEN BANK NRAO	KC8CSE	224.560	-	PROP	☺
HILLSBORO	KC8LRN	224.220	-	T131.8	☺
HINTON/BECKLEY	N8FWL	224.640	-		☺
#LEON	WD8OHX	223.780	-	UNCOR	
LEWISBURG	KC8LRN	224.800	-	T131.8	☺
SLATY FORK	KC8LRN	224.720	-	91.5	☺
SUTTON	W8COX	224.400	-	PROP	
WILLIAMSON	WR8M	224.140	-		☺

440 MHZ

ALDERSON/SAM BLK	N8LVE	444.400	+	T100.0	
BECKLEY	N8FWL	443.050	+	T123.0	☺
BECKLEY	N8LVE	444.125	+	T	
BECKLEY/BOLT	W8LG	443.225	+		
BECKLEY/OAK HILL	WV8B	444.800	+	100.0	
BECKLY/OAK HILL	KE4QOX	443.100	+	T107.2	☺
BELINGTON	N8SCS	444.900	+	141.3	☺
BERKELEY SPRINGS	WA3KOK	442.450	+		
BLUEFIELD	WZ8E	443.625	+	100.0	☺
BUCKHANNON	N8ZAR	444.250	+		
CEREDO	KC8PFI	443.600	+		
CHARLESTON	KB8QKM	442.925	+	71.9	
CHARLESTON	WS8L	443.300	+	T123.0	
CHARLESTON	WV8AR	444.225	+	T123.0	☺
CHARLESTON	WB8YST	444.350	+	T107.2	☺
CLARKSBURG	N8FMD	444.175	+	T103.5	☺
DANS MT	N8YIB	145.330	+		
DUNMORE	KC8CSE	444.275	+	123.0	☺
FAIRMONT	W8SP	443.875	+		
FLATWOODS	N8ZVK	444.200	+		☺
GASSAWAY	AB8WB	444.675	+	T123.0	
GILBERT	KB8PCW	442.725	+	T	
GLENVILLE	KA8ZXP	444.325	+		
HERNSHAW	WB8CQV	444.700	+	203.5	
HUNTINGTON	WA4GSS	421.250	+		
HUNTINGTON	N8HZ	443.000	+		☺
HUNTINGTON	KB8TGK	443.850	+	T88.5	
HUNTINGTON/CHAS	WB8ZER	444.850	+	T131.8	☺
HURRICANE	K8OJC	444.075	+		
KEYSER	N8RCG	444.125	+	103.5	☺
LEWISBURG	KF8FO	444.725	+	T103.5	
LOGAN	KE4QOX	444.900	+	T107.2	☺
MORGANTOWN	K8LG	444.700	+		
MORGANTOWN	W8CUL	444.800	+		☺
MULLENS	KC8IT	444.000	+		
OAK HILL	KA8OTX	443.800	+		
PENNSBORO	WB8NSL	442.850	+	T103.5	
PRINCETON	KB8UJG	443.700	+	T123.0	
RICHWOOD	K8VKB	442.275	+	PROP	
RICHWOOD	KC8SDN	443.375	+	T123.0	
RICHWOOD	KB8YDD	443.475	+		☺
RICHWOOD	KC8AUY	443.575	+	T	
ROCKPORT	N8LHL	443.750	+	PROP	
SHIRLEY	KB8TJH	444.425	+	T	
SO. CHARLESTON	WB8CQV	444.950	+	203.5	
ST. ALBANS	K8MHR	443.150	+		
WELCH	N8SNY	443.725	+		☺
WESTON	N8FIP	443.975	+		
WESTON	KA8TCF	444.600	+		☺
WHEELING	KB8QHO	421.250	+		
WHEELING	KA8YEZ	443.025	+	77.0HZ	☺
WHEELING	N8EKT	444.975	+		

Limited FULL MEMBERS FROM NON-SERA STATES

10 METERS

CHESTER, PA	W3PS	29.520	+	T156.7	☺

6 METERS

CONCORD, NH	KA1OKQ	53.590	-	71.9	☺

2 METERS

CONCORD, NH	KA1OKQ	147.225	+	T100.0	☺
DELAND, FL	KD4UTV	147.045	+	T103.5	☺
OCEAN CITY, NJ	W3PS	147.285	+	T146.2	☺
PHILADELPHIA, PA	W3PS	147.315	+	TT156.7	☺
VINELAND, NJ	AA2LD	147.135	+	T156.7	☺
WINCHESTER, VA	W4RKC	146.820	-		☺

220 MHZ

OCEAN CITY, NJ	W3PS	223.980	-	T156.7	☺
CHESTER, PA	W3PS	224.960	-	T156.7	☺
CONCORD, NH	KA1OKQ	224.800	-	T103.5	☺
EAGLEVILLE, PA	W3PS	224.680	-	T156.7	☺
MILLVILLE, NJ	AA2LD	223.960	-	T156.7	☺
POTTSTOWN, PA	W3PS	224.400	-	T156.7	☺

440 MHZ

CHESTER, PA	W3PS	443.050	+	T156.7	☺
CONCORD, NH	KA1OKQ	448.775	-	T82.5	☺
LINWOOD, PA	W3PS	443.000	+	156.7	☺
MADISON, VA	N8HON	444.400	+		☺
MCKINNEY, TX	KF5TU	442.350	+	T100.0	
PEMBROKE, NH	KA1OKQ	444.150	+		☺
PETERBORO, NH	KA1OKQ	443.350	+	T110.9	☺
WEST MOBILE, AL	K4VP	444.875	+		☺

1270 MHZ

CHESTER, PA	W3PS	1240.000	+		☺

SERA REPEATER INDEX LISTINGS BY FREQUENCY

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

10 METERS

29.6200 / 29.5200
W3PS CHESTER, PA .....156.7 ZZ
29.6000 / 29.6000
W4CM NEWPORT NEWS ..... VA
29.52 0 / 29.6200
KF4XH #MACON ..... GA
29.5200 / 29.6200
KQ4XL MONROE ..... GA
K4XYZ BUCKHORN LAKE .....103.5 KY
KC4XE WILKESBORO ..... NC
WB4IUY ZEBULON ..... NC
W4ZJM MEMPHIS .....*# TN
AJ4D TELLICO PLAINS .....141.3 TN
KA8OTX BECKLEY ..... WV
29.5400 / 29.6400
KK4CZ LOUISVILLE ..... KY
KB5MPW BAY SAINT LOUIS .....136.5 MS
KE4QOX HIGH POINT .....103.5 NC
W4CAT GALLATIN/BNA .....107.2 TN
WB4NKM GREENEVILLE ..... TN
WB8CQV CHARLESTON .....203.5 WV
29.5600 / 29.6600
WR4MG WARNER ROBINS - ..... GA
K4GRW NEWPORT ..... NC
N4JEH ROCKY MOUNT ..... NC
W4GL SUMTER ..... SC
KE4QOX FANCY GAP .....123.0 VA
WA8YWO RICHWOOD .....100.0 WV
29.5800 / 29.6800
AI8H CONYERS ..... GA
N4BZJ DALTON ..... GA
KB0Y VALDOSTA .....141.3 GA
KA4UHL INGLE .....146.2 KY
WW4DC THOMASVILLE .....88.5 NC
N8ITF SPRINGFIELD .....88.5 TN
KE4QOX BECKLEY .....88.5 WV

6 METERS

52.5500 / 51.5500
WB4JEH #CONYERS .....151.4 GA
51.2000 / 51.7000
WA4YNZ #CUMMING ..... GA
51.4400 / 51.9400
KC5BMJ KINGSLAND .....82.5 GA
53.0250 / 52.0250
WB4LBR LOUISVILLE ..... KY
52.5250 / 52.5250
WW4DC THOMASVILLE .....88.5 NC
52.0100 / 53.0100
W3LAP COCHRAN .....77.0 GA
WA4YNZ #ROSWELL ..... GA
KC4QK ASHLAND .....107.2 KY
N5EKR ELLISVILLE ..... MS
KE4QOX THOMASVILLE .....88.5 NC
WA4KOG MEMPHIS ..... TN
WA4BGK NASHVILLE .....114.8 TN
KI4ZR LEXNGTN/ROCK MT..... VA
52.0300 / 53.0300
W4WTA AUGUSTA ..... GA
K4ITL RALEIGH ..... NC
KF4FTD MORRISTOWN ..... TN
52.0500 / 53.0500
KC4JNN BISKEY MT. .....100.0 GA
AB5MU NETTLETON .....192.8 MS
N4JEH ROCKY MOUNT ..... NC
WA4BGK GALLATIN .....114.8 TN
52.0700 / 53.0700
WB4AEG CARTERSVILLE .....123.0 GA
KB4PTJ WILLIAMSBURG .....100.0 KY
KD4FWS MT.AIRY/FANCY GP.....100.0 NC
KB4MIC GUM SPRING .....203.5 VA
52.0900 / 53.0900
KD4DKW ATL/MARIETTA .....151.4 GA
N4ALG NICHOLASVILLE .....103.5 KY
KF4IXW REELSBORO .....162.2 NC
K4NOC BISHOPVILLE ..... SC
KD4PBC SEVIERVILLE ..... TN
NO4Q WAVERLY ..... TN
WB8BON ROANOKE/POOR MT ..... VA
52.1100 / 53.1100
W4GR LAWRENCEVILLE .....82.5 GA
N4XTF GASTONIA/CRDR MT..... NC
KD4BGD LUMBERTON ..... NC
K4SER TARBORO ..... NC
WD4GYN OAK RIDGE ..... TN
KB4YKV AMELIA COURTHSE ..... VA
N8CQQ FLATWOODS ..... WV
52.1300 / 53.1300
N4BZJ DALTON ..... GA
N4EQT LAWRENCEBURG .....107.2 KY
W4FOT HENDERSONVILLE .....100.0 NC
W4HFH ALEXANDRIA ..... VA
WB4GJG DANVILLE(DCC) ..... VA
52.1500 / 53.1500
KA5WZY ATLANTA ..... GA
WB4IOB KNXVL/ENG MT ..... TN
N8ITF SPRINGFIELD .....107.2 TN
N4CH BEDFRD/THAX MT ..... VA
52.1700 / 53.1700
WW4DC THOMASVILLE .....88.5 NC
K4BGW LAFOLLETTE ..... TN
KE4SFU RICE ..... VA
N8FWL BECKLEY .....123.0 WV
52.1900 / 53.1900
W4BAD RALEIGH ..... NC
KN4AS LITTLE MOUNTAIN .....156.7 SC
WA4UCE COOKEVILLE ..... TN
WV8BD ALDERSON ..... WV
52.2100 / 53.2100
N1KDO MARIETTA .....79.7 GA
N4QLX SAURATOWN MT ..... NC
AD4U ORANGEBURG ..... SC
N4WWB GATE CITY ..... VA
AB8WB GASSAWAY .....123.0 WV
52.2300 / 53.2300
KD4JFN PITTSBORO .....107.2 NC
KA4ZKL GUTHRIE (TN/KY) ..... TN
KQ4E MORRISTOWN ..... TN
52.2500 / 53.2500
KF4BMG MARIETTA .....79.7 GA
KI4D ROCK HILL .....123.0 SC
WA4YON #KNOXVILLE ..... TN
KT4QW NEWPORT NEWS ..... VA
N4CH ROANOKE ..... VA
52.2700 / 53.2700
KC4CBQ HIAWASSEE .....186.2 GA
KA4UHL NANCY .....100.0 KY
WD4BQW ASHEVILLE ..... NC
N5CWH LEESVILLE .....162.2 SC
WD4KZK ROCKY MT/FERRUM .....107.2 VA
52.2900 / 53.2900
K4PLM #PINE LOG MT. .....198.2 GA
KF4UAQ LOUISVILLE ..... KY
KF4SXO CHESTER ..... SC
WA4CQK FANCY GAP .....100.0 VA
52.3100 / 53.3100
K4SER WILLIAMSTON ..... NC
KG4BZN WALTERBORO .....123.0 SC
KD4SQB ROAN MTN ..... TN
KB8TJH SHIRLEY ..... WV
52.3300 / 53.3300
KD4FVI CRAWFORD .....88.5 GA
AD4CC HIGHLAND HEIGHTS .....123.0 KY
W4TLP CLINTON ..... NC
AB4JJ W. JEFFERSON .....100.0 NC
KC8CSE SNOWSHOE .....156.7 WV
52.3500 / 53.3500
WR4AMS DORTON ..... KY
WR4BEG SOPHIA/RANDLEMAN..... NC
K4VCM CHATTANOOGA ..... TN
52.3700 / 53.3700
KD4MYE YOUNGSVILLE ..... NC
KC4PDQ MARYVILLE ..... TN
N8RIG BLUEFIELD ..... VA
52.3900 / 53.3900
KA4UFM DECATUR ..... GA
KF4XH #MACON ..... GA
KE4RKF WAYNESBURG .....100.0 KY
WB3R AMELIA ..... VA
52.4100 / 53.4100
WA1YYN EFLAND .....107.2 NC
KO4MZ GVL/CSR'S HEAD .....131.8 SC
52.4300 / 53.4300
KR4QL BOLINGBROKE ..... GA
N7BBW LOUISVILLE .....151.4 KY
AD4DN WILMINGTON .....88.5 NC
K4GX KINGSPORT ..... TN
KD4SUU CHESTERFIELD ..... VA
N4GBO VESTA .....107.2 VA
52.4500 / 53.4500
KD4APP #PINE LOG MT ..... GA
KC5PIA LAUREL ..... MS
W4UNC CHAPEL HILL .....107.2 NC
NO4Y MONTEAGLE MTN .....114.8 TN
K8GP BULLRUN ..... VA
52.4700 / 53.4700
W5PFC JACKSON .....77.0 MS
KE4JYN PEARISBURG .....107.2 VA
52.5500 / 53.5500
WB4JEH CONYERS .....151.4 GA
N4OQJ KNOXVILLE .....100.0 TN
K4RDK MEMPHIS ..... TN
52.5700 / 53.5700
KD4AOZ WATKINSVILLE .....123.0 GA
KE4LGL LEXINGTON ..... KY
KE4KEH LYNCHBURG .....103.5 VA
52.5900 / 53.5900
KF4QDS KVILLE/HIPOINT .....103.5 NC
KF4IWA MOUNTAIN REST ..... SC
WB8YST BECKLEY .....107.2 WV
KA1OKQ CONCORD, NH .....71.9 ZZ
52.6300 / 53.6300
AB4JJ MT MITCHELL .....100.0 NC
WB8YST CHARLESTON .....107.2 WV
51.1400 / 53.6500
KB5MPW BAY SAINT LOUIS .....136.5 MS
52.6500 / 53.6500
KB4YFV WHITE TOP MTN ..... VA
51.2000 / 53.7100
KE4OVN DRESDEN .....107.2 TN
52.7100 / 53.7100
WB8YST RICHWOOD .....107.2 WV
51.2200 / 53.7300
K4YC IVEY/MACON .....88.5 GA
52.7300 / 53.7300
K4XYZ BUCKHORN LAKE .....100.0 KY
WD4OAR GEORGETOWN .....192.8 TN
52.7500 / 53.7500
W4YWH HIGHLAND HEIGHTS .....123.0 KY
WA4PXV AIR BELLOWS GAP ..... NC
W4BAD DURHAM ..... NC
K4GX #ROGERSVILLE .....114.8 TN
N8PEI MARMT/CHARLSTN .....141.3 WV
52.7700 / 53.7700
W4GL SUMTER ..... SC
W4BBB KNOXVILLE .....1000. TN
52.7900 / 53.7900
WR4MG WARNER ROBINS ..... GA
WA4NC BOONE .....100.0 NC
52.8100 / 53.8100
WD4KNE #STANTON ..... KY
W4EBM #FAYETTEVILLE ..... NC
52.8500 / 53.8500
K4TDO HAZARD ..... KY
52.8700 / 53.8700
KC8PFI CEREDO ..... WV
52.8900 / 53.8900
KB0Y LAKE PARK .....141.3 GA
WB4HJG LULA .....82.5 GA
WA4OHX HAMPTON ..... VA
52.9100 / 53.9100
KE4ZJT LONDON .....100.0 KY
52.9300 / 53.9300
W4GMM MEMPHIS .....107.2 TN
KC8LRN LEWISBURG .....131.8 WV
52.9500 / 53.9500
WB4WSB LAGRANGE ..... KY
52.9700 / 53.9700
N4DAJ MT. AIRY .....100.0 NC
52.5250 / 145.2100
N4ARK NASHVILLE ..... TN

2 METERS

144.6100 / 52.5250
N4ARK NASHVILLE ..... TN
144.5100 / 145.1100
KK4HL AUGUSTA ..... GA
N4MXC COCHRAN .....107.2 GA
KR4HV DOUGLASVILLE .....88.5 GA
KC4UPE LEESBURG .....192.8 KY
KD5AXY FLORENCE ..... MS
W5WA VANCLEAVE .....123.0 MS
W4PCN KILL DEVIL HILLS .....131.8 NC
N4CSM ROBBINSVILLE .....151.4 NC
KD4MYE YOUNGSVILLE .....88.5 NC
WZ4SC FORT MILL ..... SC
W4GS MYR BCH/CONWAY ..... SC
NQ4Y COOKEVILLE ..... TN
WM4T GRAY ..... TN
N4ARK NASHVL/FAIRVIEW .....151.4 TN
KF4OID SOMERVILLE .....107.2 TN
K4YPE RICHMOND ..... VA
N8RV FROST .....107.2 WV
K8SA SALT ROCK .....110.9 WV
144.5300 / 145.1300
KA5EX BGMRC/NEWMAN ..... GA
WR4SG VALDOSTA .....141.3 GA
N4UL LOUISVILLE AREA .....151.4 KY
KJ4VF MOREHEAD .....100.0 KY
WB4YNF AHOSKIE ..... NC
N4VL MT. AIRY .....103.5 NC
W4RNC RALEIGH .....88.5 NC
W4JAK GREENWOOD .....123.0 SC
K4JR SUMTER ..... SC
K4CMY CHATTANOOGA ..... TN
KA4OAK LAFOLLETTE ..... TN
KF4ATY MEMPHIS .....107.2 TN
KC4WPS NASHVILLE .....114.8 TN
N8OYY GLENVILLE ..... WV
144.5500 / 145.1500
W4AQL ATLANTA .....167.9 GA
K4TWG BACONTON ..... GA
K4YC IVEY/MACON .....77.0 GA
KG4CCW LOUISVILLE .....141.3 KY
KY4JW MONTICELLO ..... KY
AD4BI PIKEVILLE .....107.2 KY
KE5LT #PICAYUNE ..... MS
K2IMO ELM CITY .....88.5 NC
W4GSO GREENSBORO .....100.0 NC
K4OBX HATTERAS ISLAND .....131.8 NC

It's All Free!

Did you know that SERA assistance in coordination, technical help, or interference information is FREE?

We do not charge for any of our services. Our operating expenses are derived solely from voluntary membership of repeater owners and users.

In 2002, SERA completes it's 31st year of successful operation and service in the eight SouthEastern states.

Our volunteers are here for you. If you have any questions about SERA, don't hesitate to call or ask. It's that Simple!

help@sera.org
(888) HAM-SERA (toll free)
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www.sera.org

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W4NHV #LUMBERTON ..... NC
N4LWY SUMMERTON ..... SC
K4USC UNION ..... SC
KG4FZR ATHENS ..... 141.3 TN
W4XS FRANKLIN ..... TN
KOJXI MEMPHIS ..... TN
K4ARO GREENBAY ..... VA
N3ZE RADFORD/RINER ..... VA
K8VE PHILIPPI ..... 103.5 WV

144.5700 / 145.1700

WA4DIW JONESBORO ..... GA
W8PRH HALLS GAP ..... KY
K4CCR ANDSN MT/DENVER ..... 88.5 NC
N4NCK OXFORD ..... NC
N4CTJ WILMINGTON ..... 88.5 NC
KY4S AIKEN ..... SC
K4NQC BISHOPVILLE ..... 123.0 SC
WF4Q BRUCETON ..... 107.2 TN
WB4GBI KNOXVILLE ..... TN
WB4LHO MURFREESBORO ..... TN
WA4ZUA NORFOLK ..... 136.5 VA
WV8B BECKLEY/BOLT MT ..... 100.0 WV

144.5900 / 145.1900

WA4EQL JESUP ..... GA
WB4ULJ PINE MT/HAMILTON ..... GA
KB4SQI SALYERSVILLE ..... 127.3 KY
K5YD BOONEVILLE ..... 110.9 MS
W5CJR HATTIESBURG ..... 136.5 MS
KA4SQN JACKSONVILLE ..... NC
WA4BVW MT MITCHELL ..... NC
K4GWH RALEIGH ..... 156.7 NC
N4OTT CARTHAGE ..... TN
KD4XV JASPER ..... 127.3 TN
WB3R AMELIA ..... VA
WB8YJJ RICHWOOD ..... WV
KA8YEZ WHEELING ..... 156.7 WV

144.6100 / 145.2100

KC4RRO EASTMAN ..... GA
WA4EPK FAYETTEVILLE ..... 131.8 GA
W8PRH LEXINGTN/GRGTWN ..... KY
KB5IKR MENDENHALL ..... 100.0 MS
K4OLC HIGH PEAK MTN ..... 94.8 NC
WB4TQD TRENTON ..... NC
KG4LAP SMOAKS ..... SC
W2GLJ GERMANTOWN ..... TN
W4BBB KNOXVILLE/RACK ..... 100.0 TN
N4ARK NASHVILLE ..... TN
K4QZJ HIGH KNOB MT ..... VA
N2EDE ROANOKE ..... 107.2 VA
WB8FEQ HUNTINGTON ..... 162.2 WV

144.6300 / 145.2300

WB4JEH CONYERS ..... 151.4 GA
WR4SG CORDELE ..... 141.3 GA
W4DRC DALTON ..... GA
K4BR WAYNESBORO ..... GA
W8PRH LOUISVILLE ..... KY
W4KBL PRINCETON ..... 103.5 KY
KG4GQC WEST LIBERTY ..... 107.2 KY
KC5VZI #NEW ALBANY ..... MS
N4VBH BEULAVILLE ..... NC
W4UNC CHAPEL HILL ..... 107.2 NC
W4BFB CHARLOTTE ..... NC
KG4AQH GREELEYVILLE ..... SC
W4CAT LAVERNE ..... TN
KB4KIE MAYNARDVILLE ..... TN
KE4NTL RIPLEY ..... 100.0 TN
N4CH BEDFORD ..... VA
W4MT NEWPORT NEWS ..... 100.0 VA
N8FWL BECKLEY/OAK HILL ..... 100.0 WV
WJ8G ELKINS ..... 103.5 WV

144.6500 / 145.2500

N4YYD CHATSWORTH ..... 71.9 GA
K4YC IVEY ..... GA
AD4YJ LEXINGTON ..... 110.9 KY
W4GG GREENSBORO ..... 88.5 NC
WA4USN CHARLESTON ..... 123.0 SC
WA4UKX SIMPSONVILLE ..... 123.0 SC
KT4WS CARLISLE ..... TN
N4WXS ERWIN/PINNACLE ..... TN
N4ER MEMPHIS ..... 146.2 TN
KD8XK BLUEFIELD ..... 100.0 VA
KQ4RH MONTPELIER ..... VA

144.6700 / 145.2700

KT4X SANDERSVILLE ..... 77.0 GA
KB4GDS WALESKA/PNLG MT ..... 100.0 GA
N4KJU PAINTSVILLE ..... KY
KD4BOH ROCKPORT ..... 77.0 KY
N5NBG WALLS ..... 162.2 MS
KB5DZJ WIGGINS ..... 136.5 MS
K4ROK FARMVILLE ..... 131.8 NC
WA4KNI HENDSVL/BERWLW ..... NC
N7GZT COLUMBIA ..... 162.2 SC
KD4CLA CHIGEON FORGE ..... 100.0 TN
N8FMD BIRCH RIVER ..... 103.5 WV

144.6900 / 145.2900

W4IBM ATLANTA ..... 88.5 GA
W4DV AUGUSTA ..... 100.0 GA
WR4MG PERRY ..... 107.2 GA
AC2DC LOUISVILLE ..... 151.4 KY
N4VOS STANTON ..... KY
WJ5L VICKSBURG ..... MS
W4BFB CHARLOTTE ..... NC
WN3X COINJOCK ..... 131.8 NC
NC4AR HIGH POINT ..... 88.5 NC
WA4WPD NASHVILLE ..... 107.2 NC
W4GS MYRTLE BEACH ..... 85.4 SC
KU4ZS PUMPKINTOWN ..... 123.0 SC
W4AM CHATTANOOGA ..... 118.8 TN
KF4ZQA ELIZTON/HOLS MT ..... 100.0 TN
K4DXC RIDGETOP ..... 114.8 TN
WF4Q SHILOH ..... 107.2 TN

N4UTN RUSTBURG ..... VA
WB8WV GLENVILLE ..... WV

144.7100 / 145.3100

W4FIZ COLUMBUS ..... GA
KB4JF NASHVILLE ..... 141.3 GA
WA4JDR STOCKBRIDGE ..... GA
KC4KZT DAVID ..... KY
WB5GOJ CHATAWA ..... MS
KC4WPM BAKERSVILLE ..... NC
N4LEX LEXINGTON ..... 88.5 NC
N4WFU #ROANOKE RAPIDS ..... 131.8 NC
K4ITL ROSEBORO ..... NC
W4IAR BEAUFORT ..... SC
W4CHR CHESTER ..... SC
WA4PNI ATHENS ..... 141.3 TN
KF4SC JACKSON ..... TN
KC4ECD LAFAYETTE ..... 151.4 TN
KD4KWP CHESTERFIELD ..... 127.3 VA
N8FCJ BECKLEY/LAYLAND ..... 100.0 WV
KB8TJH SHIRLEY ..... WV

144.7300 / 145.3300

KF4ODQ EASTMAN ..... 77.0 GA
WA4OGE JONESBORO ..... GA
N4XGI ST SIMONS ISLAND ..... 131.8 GA
KF4INN VERSAILLES ..... KY
K5DMC KILN ..... MS
KI4MW GOLDSBORO ..... 100.0 NC
N4VRD MOUNT AIRY ..... 100.0 NC
KF4JVI TRYON ..... NC
WA4DFP BAMBERG ..... SC
WT4E COLLIERVILLE ..... 107.2 TN
WD4DBJ CUMBERLAND CITY ..... TN
WA4TEM KNOXVILLE ..... TN
KE4ZBH FARMVILLE ..... VA
W4VB NORFOLK ..... VA
WR8M WILLIAMSON ..... 100.0 WV

144.7500 / 145.3500

W4DOC ATLANTA ..... 146.2 GA
W4GTA LOOKOUT MT ..... 100.0 GA
W4MFS COLLA ..... GA
AI4HB RADCLIFF ..... 173.8 KY
N4DRL BYHALIA ..... MS
N5ZMZ UTICA ..... MS
WA4AOS CHARLOTTE ..... NC
WD4JPQ GREENVILLE ..... 131.8 NC
KE4OVN DRESDEN ..... 107.2 TN
WD4JYD NOLENSVILLE ..... 114.8 TN
KB4PNG ONEIDA ..... 77.0 TN
N4AZJ BLAND ..... 103.5 VA
KF4LWH SOUTH BOSTON ..... VA
W8GK CHARLESTON ..... 91.5 WV
W8SP FAIRMONT ..... 103.5 WV

144.7700 / 145.3700

AA4UA AUGUSTA ..... GA
KB4IZF JASPER ..... 100.0 GA
W4BKM MACON ..... GA
KE4YVD RICHMOND ..... 192.8 KY
K5IJX HATTIESBURG ..... 136.5 MS
N5PYQ SOUTHAVEN ..... 107.2 MS
N4NCK BUTNER ..... NC
W4HF N. WILKESBORO ..... 94.8 NC
K4PPD SHALLOTTE ..... NC
KB4KIE KNOXVILLE ..... TN
WR3S NASHVILLE ..... TN
W4HZL GLOUCESTER ..... VA
KC4RBA LYNCHBURG ..... 186.2 VA
WV8BD BECKLEY/EOC ..... WV
KB8YAK PARSONS ..... 118.8 WV

144.7900 / 145.3900

K4HYB GRIFFIN ..... 88.5 GA
WF4N #CENTRAL CITY ..... KY
N4EQT LAWRENCEBURG ..... 107.2 KY
KC8FKP SO. PORTSMOUTH ..... 136.5 KY
KB5KGE JACKSON ..... MS
NC4UC MONROE/UCARS ..... 94.8 NC
WB4TQD RALEIGH ..... 82.5 NC
W4AM CHATTANOOGA ..... TN
W4WC GREENEVILLE ..... TN
KE4EUE COLONIAL HEIGHTS ..... VA
K4ARO ROANOKE/POOR MT ..... 107.2 VA
KF8HL #LENORE ..... WV
WD8EOM WESTON ..... WV

144.8100 / 145.4100

W4PME ATLANTA/BELL ..... 100.0 GA
K4KNS AUGUSTA ..... GA
WA4MXO JACKSON ..... KY
KK4CZ LOUISVILLE ..... 127.3 KY
KC5IF D'IBERVILLE ..... MS
N4XO CHINA GROVE ..... 136.5 NC
K4SER WILLIAMSTON ..... 131.8 NC
WA4USN CHARLESTON AR ..... SC
N4VIH DOVER ..... TN
K4MFD GRNVL/VIKING MT ..... 173.8 TN
K5FE MEMPHIS ..... 107.2 TN
NQ4Y MONTEAGLE MTN ..... 114.8 TN
KF4ADM WILLIAMSBURG ..... 127.3 VA
N8FHE BUCKHANNON ..... WV
WV8AR RED HOUSE ..... 123.0 WV
W8IFL UNION ..... WV

144.8300 / 145.4300

K4LCI ATLANTA ..... GA
WA9RNZ JESUP ..... 118.8 GA
AA4RI MACON ..... GA
KX5E GLOSTER ..... 136.5 MS
KU4W RAEFORD ..... 100.0 NC
K4QFQ SPARTA/GREEN MT ..... NC
K4JR SUMTER ..... 156.7 SC
KB4YTU BROWNSVILLE ..... TN
WF4Q BUCKSNORT ..... 107.2 TN
WA4UCE COOKEVILLE ..... TN
WB4YLC KNOXVILLE ..... TN

AD4OV COEBURN ..... 103.5 VA
W4SQT RICHMOND ..... VA
WB8YST CHARLESTON ..... 107.2 WV
K8LG MORGANTOWN ..... WV

144.8500 / 145.4500

W4BOC DECATUR ..... GA
KG4FEJ ROCKFIELD ..... 136.5 KY
WX5P FULTON ..... MS
N5ZQC SHARON ..... 100.0 MS
WR4AGC DURHAM ..... NC
WD4LCF GASTONIA ..... NC
K4GRW NEWPORT ..... NC
WD4EOG CLEMSON UNIV ..... SC
N7GZT MT. PLEASANT ..... SC
W4ZKM SAVANNAH RIVER ..... 123.0 SC
K4SIR BENTON ..... TN
WA4KOG MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KF4GHD #MT PLEASANT ..... 127.3 TN
AA4HQ SALUDA ..... VA
KD4KAU STAUNTON ..... 131.8 VA
N8LGY MT. ZION ..... 107.2 WV
K8KRS WELCH ..... WV

144.8700 / 145.4700

KD4HMH BONAIRE ..... GA
WF4U RICEBORO ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
WB4GGH BARDSTWN/NELSN ..... 151.4 KY
KF4ZTB HUEYSVILLE ..... 79.7 KY
KF4BRO MAYSVILLE ..... 107.2 KY
WB5VYH ABBEVILLE ..... 107.2 MS
W4OIX KINSTON ..... NC
W4NC SAURATOWN MT ..... 100 NC
KN4RG GAFFNEY ..... 141.3 SC
KI4CB MYR BCH/CONWAY ..... SC
WB4GBI KNOXVILLE ..... TN
KF4RBR MOUNTAIN CITY ..... 103.5 TN
N4ARK NASHVILLE ..... TN
N4JZM SOUTH HILL ..... VA
W8FC SUMMERSVILLE ..... 100.0 WV

144.8900 / 145.4900

W4DV AUGUSTA ..... GA
KA4WUJ CORDELE ..... 103.5 GA
W4LMA MARIETTA ..... 88.5 GA
W4KVK HENDERSON ..... KY
WB4CWF LEXINGTON ..... KY
N5VGK TUPELO ..... MS
NT4K FRANKLIN ..... NC
WB4IKY GIBSONVILLE ..... 107.2 NC
W4BWC RALEIGH ..... 82.5 NC
W4APE CHERAW ..... SC
WA4KOG BRADEN ..... TN
WB4LHO MCMINVL/SHT MT ..... TN
K4CQ AMHERST ..... 136.5 VA
W8MOP BLUEFIELD ..... VA
WA4OHX HAMPTON ..... VA
WV8G PARKERSBURG ..... WV

146.0100 / 146.6100

W4CVY COLUMBUS ..... GA
WB4JEH CONYERS ..... 151.4 GA
WD4KWV CORBIN ..... KY
KC4FRA MADISONVILLE ..... KY
W5LAR LAUREL ..... MS
W4EWN NEW BERN ..... 100.0 NC
WB4TQP RALEIGH ..... 131.8 NC
KF4QDS THOMASVILLE ..... 123.0 NC
KC4WIF ELLOREE ..... 118.8 SC
W4NYK GRNVLE/CSRS HD ..... SC
W4AM CHATTANOOGA ..... TN
WA4PCD NASHVILLE ..... TN
K4JP ABINGDN/BRMLY MT ..... VA
WA4YSE CHESAPEAKE ..... VA
W4WWQ LYNCHBURG ..... 136.5 VA
WB8MZI GASSAWAY ..... WV

146.0250 / 146.6250

WA4UPE ATL/UNION CITY ..... 100.0 GA
N4UJT ELBERTON ..... GA
K4HAO VIDALIA ..... GA
WA4GOZ BOWLING GREEN ..... 103.5 KY
K4ULW WEBSTER ..... 151.4 KY
KC5ULN COLUMBUS ..... MS
KE5WO PORT GIBSON ..... MS
K4USB BUXTON ..... 131.8 NC
KI4RR LAURINBURG ..... NC
KF4SXO CHESTER ..... SC
WB4VXX CORNERSVILLE ..... 107.2 TN
WB4GBI KNOXVILLE ..... 100.0 TN
N4ABU MARTIN ..... TN
K4SVA JARRATT I-95 ..... 100.0 VA
WV8B FLAT TOP/WINTRPL ..... 100.0 WV

146.0400 / 146.6400

WB4QGR #ATLANTA ..... GA
W4FWD CARROLLTON ..... 131.8 GA
AE4PO WAYCROSS ..... 141.3 GA
WA4UXJ CANE VALLEY ..... KY
K5XU MADISON ..... MS
WB5NAY MOORE VILLE ..... MS
WB4YAO HENDERSONVILLE ..... 91.5 NC
W4DW RALEIGH ..... NC
W4NC WINSTON-SALEM ..... 100.0 NC
W4GL SUMTER ..... SC
KA4QYI HARRIMAN ..... 100.0 TN
WB4KQQ MEMPHIS ..... TN
AF4TZ NASHVILLE ..... 114.8 TN
W4WIC FINCASTLE ..... VA
N4QLF MARION ..... 103.5 VA
WB4QEY RICHMOND ..... VA
N8HZ HUNTINGTON/CHAS ..... WV

146.0550 / 146.6550

N4NFP ATLANTA/MARIETTA ..... 151.4 GA
W4WSM BOWLING GREEN-SO ..... KY

WD4DZC DANVILLE ..... KY
K4CUW PADUCAH ..... KY
KC5ZZH MERIDIAN ..... MS
K4CEB CONCORD/KANNAP. ..... NC
WA4VTX ELIZABETH CITY ..... 131.8 NC
KD4KOJ BEAUFORT ..... SC
N5CWH LEESVILLE ..... 162.2 SC
KD4AOK BROWNSVILLE ..... TN
W4RDM LAWRENCEBURG ..... TN
W4OLB MARYVILLE/ALCOA ..... TN
WA4ISI ALTAVISTA ..... VA
N8ZPX FLATWOODS ..... 123.0 WV
N8SNW IAEGER ..... 203.5 WV

146.0700 / 146.6700

W4ABP GAINESVILLE ..... 131.8 GA
KF4SJO HAZARD ..... KY
W4KBL PRINCETON ..... KY
W5UBG NEW ALBANY ..... MS
KB5ZCX PURVIS ..... MS
K4FHB BURLINGTON ..... NC
WA4BKU #FOREST CITY ..... NC
AD4DN WILMINGTON ..... 88.5 NC
AD4U ST. MATTHEWS ..... 156.7 SC
W4UD BRISTOL ..... TN
K4BGW LAFOLLETTE ..... TN
AF4TZ NASHVILLE ..... 114.8 TN
W4CBM DUBLIN ..... VA
KD4DDI PAGECO ..... VA
K4RC WILLIAMSBURG ..... VA
WD8JNU RAVENSWOOD ..... WV

146.0850 / 146.6850

K4NGA ADAIRSVILLE ..... GA
WA4EPK DARIEN ..... GA
K4KZY FAYETTEVILLE ..... GA
KF4NTQ GEORGETOWN ..... 107.2 KY
N4WJS OWENSBORO ..... 110.9 KY
W5KHB NATCHEZ ..... MS
W4NBR GRIFTON ..... 88.5 NC
KE4WSX STARKVILLE ..... NC
K4USC UNION ..... SC
KF4ARH WALLAND ..... 88.5 TN
WA1ZMS BEDFRD/APL ORCH ..... 100.0 VA
N8FMD CLARKSBURG ..... 103.5 WV
WB8NAM DANVILLE ..... WV

146.1000 / 146.7000

W4MM #ALBANY ..... GA
K4UFO JASPER ..... GA
KD4BWK LAGRANGE ..... 141.3 GA
WB4DOJ MILLEDGEVILLE ..... 67.0 GA
K4NLX SAVANNAH ..... GA
KY4KY BROOKS ..... 151.4 KY
KD4DZE GRAYSON ..... 107.2 KY
WB4FUR BAY ST. LOUIS ..... MS
W5LV GRENADA ..... MS
W5FQ MERIDIAN ..... MS
KD4GLB CROSSNORE ..... 167.9 NC
N4CID DUNN ..... NC
W4PAX LANCASTER ..... SC
WT4F PICKENS ..... 107.2 SC
KF4BVQ ANDERSON CTY ..... 100.0 TN
W4UOT MANCHESTER ..... 114.8 TN
WB4MMI RAMER ..... 107.2 TN
WA4YGM UNION CITY ..... TN
K4AU DANVILE/WHT OAK ..... 107.2 VA
KF8PT NORFOLK ..... VA
KD4WWF STAUNTON ..... 131.8 VA
KC8AFH BECKLEY ..... 123.0 WV

146.1100 / 146.7100

KF4FO HOPKINSVILLE ..... KY

146.1150 / 146.7150

K4NVG LAVONIA ..... 100.0 GA
W4ABZ RINGGOLD ..... 67.0 GA
KF4OFT BEREA ..... 100.0 KY
KA5TQY GREENWOOD ..... MS
KD4JFN HAW RIVER ..... 107.2 NC
N4GGN MILLERS CREEK ..... NC
WB4NEP COLUMBIA ..... SC
KB4JUB SALTILLO ..... TN
W9KIC BLACKSBURG ..... VA
W4TTL VALKERTON ..... VA

146.1300 / 146.7300

W4MM ALBANY ..... GA
KD4NC ATLANTA/SWEAT MT ..... GA
K4TVE BRUNSWICK ..... GA
WR4DH MACON ..... 100.0 GA
AC4AO LEXINGTON ..... KY
AA4NI #NEBO ..... KY
KC5IF BILOXI ..... MS
KD5GVU STARKVILLE ..... 210.7 MS
KC5TGT UTICA ..... 77.0 MS
W4BWC RALEIGH ..... 82.5 NC
W4EXU SALISBURY ..... 94.8 NC
W4VNK WILMINGTON ..... NC
K4NAB N. AUGUSTA ..... SC
WA4UKX SIMPSONVILLE ..... 100.0 SC
WB4IOB KNXVL/ENG MT ..... TN
KE4LFZ MEMPHIS ..... 107.2 TN
K4EHL WATERTOWN ..... 100.0 TN
W4QR HAMPTON ..... VA
WB8SPW LEWISBURG ..... 100.0 WV

146.1450 / 146.7450

KD4QHB ATHENS ..... GA
K4WOC CALHOUN ..... 100.0 GA
AF4VH SPRINGFIELD ..... 97.4 GA
WA4TTC GREENVILLE ..... KY
KD4RTR MILLARD ..... 141.3 KY
KC5VZI #NEW ALBANY ..... MS
KC4QPR MORGANTON ..... 94.8 NC
NN4N DILLON/PEE DEE ..... SC
W4MV DYERSBURG ..... TN
KC4WHL HARRIMAN ..... TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

AA4YQ WARTBURG ..... TN
K4ROA ROANOKE/POOR MT .....107.2 VA
146.1600 / 146.7600
W4RRG LOOKOUT MT. .....67.0 GA
W4BOC STONE MT .....107.2 GA
WR4MG UNADILLA .....107.2 GA
KF4BJM VALDOSTA .....141.3 GA
K4KJQ LEXINGTON ..... KY
KD4DVI PADUCAH ..... KY
W5AXQ JACKSON ..... MS
WA4BVW ASHVL/MT PISGAH ..... NC
K4GWH GREENSBORO .....88.5 NC
KB2XI SWANSBORO ..... NC
WB4THL WILSON .....131.8 NC
K4ESG MT PLEASANT ..... SC
K4JP BRSTL/HOLSTN MT ..... TN
WA4PCD NASHVILLE .....114.8 TN
WA4TFZ CHARLOTTESVILLE .....151.4 VA
KB4ZIN WILLIAMSBURG ..... VA
W8VA HUNTINGTON ..... WV
N4RAG LEWISBURG .....131.8 WV
W8CUL MORGANTOWN ..... WV
W8ZQ WHEELING ..... WV
146.1750 / 146.7750
N4NEQ MARIETTA .....151.4 GA
KB4NA WRENS ..... GA
W4PPM MIDDLESBORO ..... KY
KJ4OG TOMPKINSVILLE ..... KY
AE4SK VANCEBURG ..... KY
K5PN HATTIESBURG .....136.5 MS
NC4SU RALEIGH .....88.5 NC
W4ZU SOUTHPORT .....100.0 NC
KF4GHC FORT JACKSON .....156.7 SC
WF4Q FRUITLAND .....107.2 TN
W4JVO PULASKI/MUSIC MT ..... TN
AG4AN FOREST .....131.8 VA
WB3T WYTHEVILLE .....107.2 VA
KB8BWZ ELKINS ..... WV
146.1900 / 146.7900
KD4GEY FOLKSTON ..... GA
WD4KOW MOULTRIE ..... GA
K4SEX NEWNAN ..... GA
K4VYX SWAINSBORO ..... GA
W4YWH HIGHLAND HEIGHTS .....123.0 KY
KA4UHL NANCY .....100.0 KY
K5TYP BILOXI ..... MS
W4TLP CLINTON ..... NC
KG4ASL SAURATOWN MT .....107.2 NC
N4AW ANDERSON/SAS MT ..... SC
WA4USN CHARLESTON ..... SC
W4AM CHATTANOOGA ..... TN
W4ABR JOHNSON CITY ..... TN
W4KIB MEMPHIS .....107.2 TN
W4SQE NASHVILLE .....100.0 TN
N4SD CHESAPEAKE ..... VA
NM8T OAK HILL ..... WV
146.2050 / 146.8050
K4PDQ MACON .....77.0 GA
KA4NNE ELKTON .....151.4 KY
W8PRH HAZARD ..... KY
KF5C STARKVILLE .....192.8 MS
K5IMT #VICKSBURG ..... MS
K4GNC GASTONIA/CRWDR ..... NC
W4DCG ROCKY MOUNT .....118.8 NC
KF4ATU ORANGEBURG .....156.7 SC
KF4TNP CORNERSVILLE .....114.8 TN
W4EYJ CROSSVILLE .....131.8 TN
WB4MMI SELMER .....107.2 TN
WA4HTI COVINGTON ..... VA
W4TTL MECHANICSVILLE ..... VA
147.4050 / 146.8050
KC4AQS JASPER .....100.0 GA
W4DJB CANTON ..... NC
KD4TC BIG "A" MTN .....103.5 VA
146.2200 / 146.8200
W4MM ALBANY ..... GA
W4DOC ATLANTA .....146.2 GA
K4HVK KIBBEE ..... GA
KF4DKJ DRAKESBORO ..... KY
W4CMR IRVINE .....192.8 KY
K5HYE MAGEE .....100.0 MS
WB4PZA WILKESBORO ..... NC
K4GMP WILMINGTON .....88.5 NC
KT4NZ CAMDEN .....131.8 SC
W4NYK GRNVLE/PARIS MT ..... SC
WB4OAH LAKE CITY ..... TN
W4BS MEMPHIS ..... TN
KB4PNG #ONEIDA ..... TN
W4UOT WINCHESTER ..... TN
W4CAR CHESAPEAKE .....162.2 VA
N4WWB GATE CITY ..... VA
WB8CQV CHARLESTON .....192.8 WV
W4RKC WINCHESTER, VA ..... ZZ
146.2350 / 146.8350
KC4GSS THOMSON ..... GA
KC4ZOX SALVISA .....192.8 KY
WB4PLA ASHEVILLE ..... NC
KB4TOH COLUMBIA .....131.8 NC
W4USH WADESBORO ..... NC
KT4YW CHARLESTON ..... SC
KB4YTM HUNTINGDON ..... TN
W4LYR WATERTOWN .....100.0 TN
KK4EH GRUNDY/BIG A MT ..... VA
N4UTN RUSTBURG/LONG MT .....173.8 VA
KC8ECX COWEN .....110.9 WV
147.4350 / 146.8350
N4KHQ DAHLONEGA .....100.0 GA
W4KMU #HOPE MILLS ..... NC
KB4BPV THOMASVILLE .....88.5 NC
146.2500 / 146.8500
W4RPO DALLAS ..... GA

K4SDJ SAVANNAH ..... GA
WA4ORT WARNER ROBINS ..... GA
KM4IV PIKEVILLE ..... KY
K5JMD BUDE .....103.5 MS
WB5MFK IUKA ..... MS
W5LWC KOSCIUSKO ..... MS
K4CYP GOLDSBORO ..... NC
WA4DSZ HICKORY/BRT. MT ..... NC
N4IV REIDSVILLE .....103.5 NC
W4ULH FLORENCE ..... SC
WA4KJH GTLBG/COVE MTN .....127.3 TN
WA4KOG MEMPHIS ..... TN
W4AY NASHVILLE .....114.8 TN
W4POX PORTSMOUTH ..... VA
WA4ZBP STAUNTON .....131.8 VA
WV8BD BECKLEY/FLAT TOP ..... WV
N8ZAR BUCKHANNON ..... WV
146.2650 / 146.8650
N4ZON JESUP .....123.0 GA
WB4DKY MADISON .....179.9 GA
AD4MU OWENSBORO ..... KY
KG4AEU RICHMOND .....192.8 KY
KD4HLH LAURENS .....107.2 SC
KF4DPU CROSSVILLE ..... TN
KN4KP TRENTON ..... TN
KF4VDF NORTON .....103.5 VA
147.4650 / 146.8650
N5DWU ELLISVILLE .....136.5 MS
N4WCO MURPHY/STALCUP .....151.4 NC
WA4ZRS WAXHAW .....94.8 NC
WZ8E MOUNTAIN LAKE .....110.9 VA
146.2800 / 146.8800
W4CVY COLUMBUS ..... GA
W4BTI MARIETTA/ATLANTA .....100.0 GA
WA4NKL QUITMAN ..... GA
W4HBB SAVANNAH ..... GA
W4PF LOUISVILLE ..... KY
KA4UHL SOMERSET .....77.0 KY
K5QNE JACKSON .....100.0 MS
KE5SJ PASCAGOULA ..... MS
WB4TQD RALEIGH ..... NC
W4NYR SHELBY ..... NC
N7GZT ORANGEBURG ..... SC
WD4CYZ BRISTOL ..... TN
WA4KOG MEMPHIS ..... TN
WA4PCD NASHVILLE ..... TN
W4SKH OAK RIDGE ..... TN
W4RAT RICHMOND ..... VA
WA4V SALEM ..... VA
WB8QQV SO. CHARLESTON .....203.5 WV
146.2950 / 146.8950
N4VNI HARTWELL .....100.0 GA
WR4MG HAWKINSVILLE .....107.2 GA
N3SM MACON .....123.0 GA
K4JBV FLORENCE .....100.0 KY
KA4BLZ LYNN GROVE .....210.7 KY
W4APE PAGELAND ..... SC
KF4HNV CROSSVILLE .....118.8 TN
WD4EGD DANDRIDGE ..... TN
W4KXV VIRGINIA BEACH ..... VA
WB3T WYTH/WALKER MT .....103.5 VA
147.4950 / 146.8950
WD4LUQ DALLAS .....77.0 GA
KC4KZT DORTON .....141.3 KY
N5DWU ELLISVILLE .....136.5 MS
146.3000 / 146.9000
WB4WVH IRVINGTON ..... KY
146.3100 / 146.9100
WB4HIG CLEVELAND ..... GA
K4HYB GRIFFIN ..... GA
K4GFY MOREHEAD .....123.0 KY
KS4TO WADDY .....107.2 KY
K5VV HERNANDO ..... MS
WA5JZL LUCEDALE ..... MS
K5OCM CHUNKEZ .....91.5 MS
WA4ZGQ AHOSKIE .....131.8 NC
W4MOE ASHVL/SPIVEY MT .....91.5 NC
WB4YZF FAYVLLE/CFARS .....100 NC
K4IZM LEXINGTON .....107.2 NC
WA4SJS WHITE HALL ..... SC
KC4ROG KNOXVILLE ..... TN
W4YXA SHORT MTN ..... TN
KE4ZBH FARMVILLE ..... VA
K4TUE MT.LAKE/BALD KNB .....107.2 VA
N8BC MCMECHEN ..... WV
146.3250 / 146.9250
WA4ASJ COVINGTON ..... GA
N4PJR JESUP ..... GA
W4BEJ RADCLIFF ..... KY
WB5VQJ CORINTH .....107.2 MS
AD4T #DOBSON .....100.0 NC
W4APE BISHOPVILLE ..... SC
W4GZX CLEVELAND ..... TN
WA4TLZ CUMBERLAND CITY .....127.3 TN
WD4OBW JONESBOROUGH ..... TN
WA4TFZ CHARLOTTESVILLE .....151.4 VA
WB4GJG DANVILLE(DCC) .....107.2 VA
WD8OGY PRINCETON/PIPEST ..... WV
146.3400 / 146.9400
KT4N AUGUSTA ..... GA
W4VO ROME/MT. ALTO .....88.5 GA
WA4RVB WRIGHTSVILLE ..... GA
K4GEC ASHLAND ..... KY
KY4X GLASGOW .....114.8 KY
K4MSU MURRAY ..... KY
KB5DWX AMORY .....192.8 MS
KA5SBK JACKSON .....100.0 MS
K5JMD MCCOMB ..... MS
KA4PAY BURGAW ..... NC
WA4IZG BUTNER .....156.7 NC
W4BFB CHARLOTTE ..... NC

W4ACY WANCHESE .....131.8 NC
N7GZT CHARLESTON ..... SC
W4IQQ GREENVILLE ..... SC
'W4GBI KNOXVILLE ..... TN
N4BSM MEMPHIS .....107.2 TN
KG4NJA NASA LANGLEY ..... VA
W4ZA RICHMOND ..... VA
N4AP ROANOKE ..... VA
KD8AB FENWICK ..... WV
W8CWO WEIRTON ..... WV
146.3550 / 146.9550
KD4AOZ ATHENS .....123.0 GA
KE4RQT BLAIRSVILLE .....100.0 GA
WR4MG PERRY .....107.2 GA
KF4BRO FLEMINGSBURG .....107.2 KY
WB9SHH MONTECELLO .....88.5 KY
N5EKR ELLISVILLE ..... MS
KC5OB JACKSON ..... MS
KD4WAR BURNSVILLE ..... NC
K4RNC ROCKINGHAM ..... NC
NT4L #NASHVILLE .....114.8 TN
WZ8E BLUEFIELD/ONEIDA.....100.0 VA
N4CFA FARMVILLE .....136.5 VA
146.3700 / 146.9700
K4CLJ ATLANTA ..... GA
W4HBB SAVANNAH ..... GA
K4DPP #HENDERSON ..... KY
W8PRH STANTON ..... KY
KI5FW MERIDIAN .....100.0 MS
N5PH PASCAGOULA ..... MS
N5EYM WINONA .....110.9 MS
KD4BJD BENSON ..... NC
N4AW ANDERSON ..... SC
W4GEY FLORENCE ..... SC
W4TRC KNGSPT/BAYS MT ..... TN
WD4MWQ MCMINNVILLE ..... TN
WA4RWK MEDINA ..... TN
W4SKH OAK RIDGE ..... TN
NC4BL FANCY GAP .....100.0 VA
WA4WRN STAUNTON ..... VA
WB4VWR VIRGINIA BEACH ..... VA
KJ8E LOGAN/WRD RK MT ..... WV
N8NBL PARKERSBURG (OH)..... WV
146.3800 / 146.9800
W4BEJ ELIZABETHTOWN ..... KY
146.3850 / 146.9850
K4KNS AUGUSTA .....100.0 GA
KC4ZGN ELLIJAY/TALONA M.....77.0 GA
KN4FE WARM SPRINGS ..... GA
N4SEI #JONATHAN CREEK ..... KY
N5LRQ COLLINS .....136.5 MS
KB5DMT SENATOBIA .....107.2 MS
K4OGB ALBEMARLE .....100.0 NC
WD4PVE MARION .....118.8 NC
KC4PRD NASHVILLE ..... TN
KK4MW #CLINCHCO .....103.5 VA
KE4SCS PETERSBURG .....131.8 VA
W4CA ROANOKE/POOR MT ..... VA
KF8LL NEW MARTINSVILE ..... WV
146.4000 / 147.0000
WA4NNO ATLANTA ..... GA
K5UFH CORINTH ..... MS
KE5TL #VANCLEAVE ..... MS
N5DXM WATER VALLEY ..... MS
WD4FVO JACKSONVILLE ..... NC
KD4HTW MARION .....192.8 SC
WB4YXZ PICKENS ..... SC
KD4CWB #KNOXVILLE .....100.0 TN
W4ZJM MEMPHIS .....*# TN
W4LG SUFFOLK .....100.0 VA
147.6000 / 147.0000
W4EEE BOGART ..... GA
KE4LR SHELBYVILLE ..... KY
KG4M WILLIAMSBURG ..... KY
KC5ULN COLUMBUS ..... MS
W5IQ JACKSON ..... MS
WW4DC THOMASVILLE .....88.5 NC
W4CBX BLOUNTVILLE ..... TN
WD4SGA CLARKSVILLE ..... TN
KA6UHV COLLEGEDALE .....131.8 TN
KD8ZR TERRA ALTA ..... WV
146.4150 / 147.0150
N4GIS CARTERSVILLE .....100.0 GA
N4YSB YADKINVILLE ..... NC
AB4M LYNCHBURG .....131.8 VA
K4AXO NORTON/HIGH KNB .....88.5 VA
147.6150 / 147.0150
K4EDN BONAIRE .....82.5 GA
KF4UM HINESVILLE ..... GA
AD4RU IRVINE ..... KY
N5JHK MONTICELLO ..... MS
NC4LC LINCOLNTON .....141.3 NC
KD4MYE RALEIGH ..... NC
W4GL SUMTER .....156.7 SC
AF4TZ NASHVILLE ..... TN
AA4KS RCKWD/MT ROSVLT ..... TN
WF4Q UNION CITY .....107.2 TN
AA8TH RICHWOOD ..... WV
146.4300 / 147.0300
WV5D LAUREL ..... MS
KU4OL MOUNTAIN REST ..... SC
K4YTZ ROCK HILL ..... SC
WA4JST RICHMOND ..... VA
147.6300 / 147.0300
W4REI ATLANTA/AIRPORT ..... GA
KD4ULE HOPKINSVILLE .....103.5 KY
W4PJZ LOUISVILLE .....151.4 KY
W5LDD OCEAN SPRINGS ..... MS
KG4BTN GREENSBORO .....131.8 NC
KB4DJT ROANOKE RAPIDS ..... NC
KK4BQ BARNWELL .....156.7 SC

K4NMB #N. MYRTLE BEACH ..... SC
W4BV FAYETTEVILLE ..... TN
W4EM MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KC8IT MULLENS ..... WV
WB8ECC ST.MARYS/BENS RG..... WV
146.4450 / 147.0450
K4AIH ANDRWS/ROBNSVL .....151.4 NC
147.6450 / 147.0450
KE4ZRT DOUGLAS .....141.3 GA
KD4AOZ WATKINSVILLE .....123.0 GA
KJ4VF GRETHEL .....100.0 KY
KE4OOS PARIS .....141.3 KY
KB5LCL MORTON .....141.3 MS
W4NHV LUMBERTON ..... NC
KC4MJC #STATESVILLE .....77.0 NC
K4ILT ST. GEORGE .....103.5 SC
AF4Q BOLIVAR ..... TN
W5BAK LIVINGSTON ..... TN
K4AYN NASHVILLE ..... TN
KE4CKJ STAUNTON/EL.KB .....131.8 VA
WA4SBC VIRGINIA BEACH ..... VA
KD4UTV DELAND, FL .....103.5 ZZ
146.4600 / 147.0600
W4CQ CHARLOTTE ..... NC
KD4LDU CHARLESTON .....141.3 TN
KF4AGO SOUTH BOSTON ..... VA
KA8PNC PRINCETON ..... WV
147.6600 / 147.0600
WA4DDI MACON ..... GA
N4CLA ROSWELL ..... GA
W4UCJ THOMASVILLE ..... GA
K4LOL BOWLING GREEN .....156.7 KY
W4NJA PADUCAH .....103.5 KY
N5OCF RICHTON ..... MS
KB4BR MACO ..... NC
W4VFR SUMTER/SHAW ..... SC
N4FV GREENEVILLE .....186.2 TN
WA4MQQ MEMPHIS ..... TN
N4VFB SHELBYVILLE ..... TN
WB4VWR KNOX .....107.2 VA
N8ZAR BUCKHANNON .....123.0 WV
147.6700 / 147.0700
N4MRM LOUISVILLE .....151.4 KY
146.4750 / 147.0750
NM8T SMITHERS ..... WV
147.6750 / 147.0750
W4CLA CLAXTON ..... GA
W4GR LAWRENCEVILLE .....82.5 GA
N4TLP OWINGSVILLE ..... KY
NC5Y JACKSON ..... MS
K4CCR NEWTON .....88.5 NC
KD4JFN PITTSBORO .....146.2 NC
KT4BU EASTOVER .....156.7 SC
WQ4E GREENBRIER .....107.2 TN
WB4GBI KNOXVILLE ..... TN
WF4Q MCNAIRY .....107.2 TN
AD4ZK NORFOLK ..... VA
W4PNT WAYNESBORO ..... VA
KE8MR MORGANTOWN .....103.5 WV
147.6900 / 147.0900
KE4RWR BAINBRIDGE ..... GA
KC4YHM EATONTON .....179.9 GA
K2YRW YOUNG HARRIS ..... GA
KF4CWK DAWSON SPRINGS .....103.5 KY
KJ4YK PHELPS ..... KY
KB5DSN AMORY ..... MS
N5MRS NEW HEBRON ..... MS
WB5FXH #SUMNER ..... MS
W4GDF GREENVL/ESTN NC ..... NC
KI4DH STAR/BISCOE .....100.0 NC
KF4ATU ORANGEBURG .....156.7 SC
K4JLA SPARTANBURG ..... SC
AD4QG EVA ..... TN
K4NLP JAMESTOWN .....100.0 TN
W4GMM MEMPHIS .....107.2 TN
WB4RRC GALAX/BRIRP MT ..... VA
N4TZE GOOCHLAND ..... VA
N4RAG MARLINTON .....131.8 WV
147.7050 / 147.1050
WB6RTH ATLANTA .....107.2 GA
KF4DG PEMBROKE ..... GA
N4EQT FRANKFORT .....107.2 KY
WA4ZAC HARLAN ..... KY
W5SAR WAYNESBORO ..... MS
K4ITL BROADWAY .....82.5 NC
WA4KNI HENDERSONVILLE ..... NC
KD4NEC CLEVELAND ..... TN
K4TC HENDERSON ..... TN
W4LYR LEBANON .....100.0 TN
WB4JBJ BEDFORD ..... VA
KB4ZIN WILLIAMSBURG ..... VA
KA8AUW SPENCER .....100.0 WV
147.7200 / 147.1200
W4CMA CEDARTOWN ..... GA
K4HCA CLARKESVILLE ..... GA
KT4N #LINCOLNTON ..... GA
KA4KMT #LOUISVILLE ..... KY
WB4ASZ WINCHESTER ..... KY
NO5N ACKERMAN ..... MS
N4GAS GASTONIA/SPCR MT ..... NC
WN4Z ROCKY MOUNT .....131.8 NC
W4GS MYRTLE BEACH ..... SC
W4GGM COLUMBIA .....127.3 TN
N4WAH MEMPHIS .....107.2 TN
K4EAJ OAK RIDGE .....82.5 TN
WG8S PATRICK SPRINGS .....107.2 VA
WB8DKM BRIDGEPORT ..... WV
WB8NAM MADISON ..... WV
147.7350 / 147.1350
N4BZJ DALTON .....118.8 GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WR4SG LAKE PARK .....141.3 GA
K4GK MILLEDGEVILLE .....123.0 GA
KF4CME BARBOURVILLE .....100.0 KY
KE4SZK FRANKLIN .....136.5 KY
KF4WMM SANDY HOOK .....107.2 KY
KB5UIX VOSSBURG .....136.5 MS
K4HXZ BREVARD ..... NC
K4ITL CHAPEL HILL .....82.5 NC
WA4US WILMINGTON .....67.0 NC
KF4GPE CHESTERFIELD ..... SC
KG4BZN WALTERBORO ..... SC
WB4EDS ALAMO ..... TN
N4AZJ PEARISBURG .....100.0 VA
KC4VDZ RICHMOND .....107.2 VA
KE8MR DAVIS .....103.5 WV
KC8TLG ROCKPORT .....123.0 WV
AA2LD VINELAND, NJ .....156.7 ZZ

147.7500 / 147.1500
WB4GQX CUMMING ..... GA
WA4IDS SAVANNAH ..... GA
KD4YGK LEBANON JCT. .....203.5 KY
KI5WI BOONEVILLE ..... MS
KF5IZ PEARL/RANKIN CO .....88.5 MS
K4VLY MORGANTON ..... NC
K4ITL ROANOKE RAPIDS .....82.5 NC
WD4NUN MONCKS CORNER ..... SC
WA4PCD NASHVILLE WEST .....114.8 TN
K4EAJ OAK RIDGE .....82.5 TN
KB4RFN CLINCHCO .....88.5 VA
KB8YDG RICHWOOD .....100.0 WV

147.7650 / 147.1650
KE4ZRT DOUGLAS .....141.3 GA
KF4XH #MACON ..... GA
N4OME MADRAS .....131.8 GA
N4NEQ MORGANTON .....151.4 GA
W4WSM BOWLING GREEN ..... KY
WA4HBM LEXINGTON ..... KY
WB4UBY PRESTONSBURG ..... KY
W4UA HIGH POINT ..... NC
KD4PBK LUMBERTON .....88.5 NC
W4CWD GREENWOOD .....107.2 SC
KF4BRS ERWIN/UNICOI ..... TN
WA4CEX PURYEAR ..... TN
KR4BT SPARTA/WHITE .....123.0 TN
W4CM NEWPORT NEWS ..... VA
KA8TCF WESTON ..... WV

147.7800 / 147.1800
N4BMA AUGUSTA ..... GA
WD4NHW BALDWIN ..... GA
WB4BDP WARNER ROBINS .....107.5 GA
KE4ZJT LONDON .....151.4 KY
W4CN LOUISVILLE .....88.5 KY
KC5LIO WEST POINT ..... MS
WA1YYN EFLAND .....156.7 NC
AC4RC WILMINGTON .....88.5 NC
W4DXA FORT MILL ..... SC
W4HNK SUMMERVILLE .....123.0 SC
WD4DES CLEVELAND .....118.8 TN
WA4KOG MEMPHIS ..... TN
K4ZGA NASHVILLE .....114.8 TN
KB4YKV AMELIA COURTHSE ..... VA
WD4ITN MONTEREY .....100.0 VA
N4NRV PKS KB/PULASKI .....103.5 VA
WD8OHX LEON ..... WV

147.7950 / 147.1950
K4JPD ATLANTA ..... GA
W4UCJ BOSTON ..... GA
KT4SH CADIZ .....103.5 KY
KJ4VF LEXINGTON ..... KY
N4NIN #LENOIR ..... NC
KO4CW RALEIGH .....88.5 NC
W4APE FLORENCE ..... SC
KC4FV ARNOLD A.F.B. ..... TN
KD4CWB KNOXVILLE .....100.0 TN
AF4OQ SARDIS .....94.8 TN
WA4RTS LYNCHBURG .....136.5 VA
WT4RA SMITHFIELD .....100.0 VA
NV8H LOGAN SOUTH .....100.0 WV

147.8100 / 147.2100
KF4GHF CONYERS .....162.2 GA
K4NLX SAVANNAH ..... GA
KB4DFK BLACK MOUNTAIN .....103.5 KY
K4HY OWENSBORO .....110.9 KY
N5SPJ UNION .....100.0 MS
W4BUZ GREENSBORO ..... NC
W4SLH ORIENTAL .....151.4 NC
W4NTQ WHITEVILLE ..... NC
K4AVU LITTLE MT. ..... SC
W4HPL COOKEVILLE ..... TN
WF4Q JACKSON .....107.2 TN
KB8NJH AMBER RIDGE .....107.2 WV
N8FMD CLARKSBURG .....103.5 WV

147.8250 / 147.2250
W8JI BARNESVILLE ..... GA
KG4ABK DOERUN ..... GA
W4RLP SUMMERVILLE .....100.0 GA
KY4SP LITCHFIELD .....179.9 KY
W5BJT #FRENCH CAMP ..... MS
WB4SRV CLAREMONT .....162.2 NC
WR4AGC HILLSBOROUGH ..... NC
W4DTW ST. GEORGE ..... SC
NO4Q MCEWEN ..... TN
WB4OAH MORRISTOWN ..... TN
KA4VXR HAMPTON .....136.5 VA
WB8NRK PRINCETON .....114.8 WV
KA1OKQ CONCORD, NH .....100.0 ZZ

147.8400 / 147.2400
AE4JO EMERSON .....103.5 GA
WB4NFG IRWINTON .....77.0 GA
KC4QK ASHLAND .....107.2 KY
W4GZ FARMINGTON .....91.5 KY
KC4AI FRANKFORT .....100.0 KY
KF4TLT HYDEN .....186.2 KY
W5PBB PELAHATCIE .....77.0 MS
N5ELS TUPELO ..... MS
KG4BOS CARTHAGE ..... NC
KG4JIA CHERRY MTN .....94.8 NC
W4GHZ FRANKLIN .....151.4 NC
W4IAR HILTON HEAD ..... SC
AC4VT LANCASTER .....88.5 SC
K2PJ MYRTLE BEACH .....85.4 SC
W4LKZ GALLATIN .....114.8 TN
KD4ZTK BOYDTON ..... VA
N4MGQ ELK CRK/IRON MT .....107.2 VA
AB8WB #GASSAWAY .....123.0 WV

147.8550 / 147.2550
KR4NQ SNELLVILLE .....107.2 GA
AE4PO WAYCROSS .....141.3 GA
N4IOX #DIXON ..... KY
K4CO HIGHLAND HTS. .....123.0 KY
KC5RC LAUREL ..... MS
KJ4AV ASHEBORO ..... NC
WA4KNI HENDSVL/PENIC ..... NC
W4RRC LEESVILLE .....123.0 SC
WA4JA FRANKLIN ..... TN
KJ4SI PETROS/FRZ HD MT..... TN
K4BW ACCOMAC .....156.7 VA
WD4CYZ #CLINCHCO ..... VA
KC8CNL HINTON .....100.0 WV
WC8EC PARKERSBURG ..... WV

147.8700 / 147.2700
KF4ZUR ALLENHURST .....162.2 GA
W4VIR AMERICUS ..... GA
KF4GHF COVINGTON .....162.2 GA
WB4EJK LOUISVILLE .....151.4 KY
KE4AIE ST. CHARLES ..... KY
WB5USN ABERDEEN ..... MS
K5ZRO VICKSBURG .....100.0 MS
W4CQ CHARLOTTE ..... NC
AK4H RALEIGH/BENSON ..... NC
N4SM WAYNESVILLE ..... NC
W4ANK CHARLESTON AREA ..... SC
WA4JRJ SENECA/LONG MT ..... SC
WD4BKY GALLATIN .....114.8 TN
WB0TMC JACKSON ..... TN
KE4FH JOHNSON CITY ..... TN
WB4IKL GUM SPRING ..... VA
KB4QWO ROANOKE/POPER MT ..... VA
WV8AR SCOTT DEPOT .....123.0 WV

147.8850 / 147.2850
W4PVW ASHBURN/TIFTON .....141.3 GA
KA5WZY ATLANTA ..... GA
KC4WWU KINGSLAND .....118.8 GA
KC4ZFH LONDON ..... KY
AA4FGA #MARION ..... MS
N5LJC COLUMBIA ..... MS
KB5TGA CORINTH ..... MS
W4RCW TRYON ..... NC
N4ADM AIKEN ..... SC
N4LV MYB BCH/BRKSVIL ..... SC
KF4JPT PIKEVILLE ..... TN
KF4KVG MARTINSVILLE .....107.2 VA
KA4ZIP WARSAW ..... VA
W8LG PINEVILLE ..... WV
N8HON SPRUCE KNOB ..... WV
W3PS OCEAN CITY, NJ .....146.2 ZZ

147.9000 / 147.3000
WA4LC COLBERT ..... GA
WB4YSV ROME ..... GA
WR4MG WARNER ROBINS .....107.2 GA
K4ICN ALLEN .....123.0 KY
WA4SJH SPRINGFIELD ..... KY
KA5LNY MAGEE ..... MS
W4YSB JEFFERSON .....103.5 NC
N4JEX KANNAPOLIS .....136.5 NC
W4MZP RED SPRINGS ..... NC
WB4IUY WILSON .....88.5 NC
K4LWS AWENDAW .....103.5 SC
W4CAT GALLATIN .....114.8 TN
W4BBB KNOXVILLE/RACK .....100.0 TN
WA4ADT MEMPHIS .....107.2 TN
W4LG FRANKLIN .....131.8 VA
KI4ZR LEXINGTON .....131.8 VA
WB8NSL HARISVL/PENSBRO .....100.0 WV

147.9150 / 147.3150
AD4EQ DOUGLAS .....141.3 GA
W4STJ FORSYTH .....88.5 GA
W4LJM #HODGENVILLE ..... KY
KC4VXR SALEM ..... KY
N5DWU WAYNESBORO ..... MS
KF4HFQ ROLESVILLE .....88.5 NC
K4MPJ SAURATOWN MT .....100.0 NC
K4PPD SHALLOTTE ..... NC
K4JLA SPARTANBURG ..... SC
KD4HZN ROGERSVILLE .....114.8 TN
N4ARK SPARTA .....123.0 TN
AJ4D TELLICO PLAINS .....141.3 TN
K4HWQ GRUNDY ..... VA
W3PS PHILADELPHIA, PA.....156.7 ZZ

147.9300 / 147.3300
W3LAP COCHRAN .....77.0 GA
WB4BXO LAGRANGE ..... GA
K4NLX SAVANNAH ..... GA
N4MTN TOCCOA ..... GA
WA8KWH ASHLAND ..... KY
KA4CFW BOWLING GREEN ..... KY
WD4KNE #MT. STERLING ..... KY
N4IUI #PROVIDENCE ..... KY
N5EPP PHILADELPHIA ..... MS
WA4FLR FAYETTEVILLE ..... NC
KN4K LENOIR/HIBRITN .....141.3 NC
KF4GHC COLUMBIA .....156.7 SC
WD4ORB MORGAN COUNTY .....82.5 TN
WD4RBJ PULASKI .....100.0 TN
KI4ZR LEXNGTN/ROCK MT..... VA

147.9450 / 147.3450
N4NEQ ATLANTA/MARIETTA .....151.4 GA
N4PJR JESUP/SCREVEN ..... GA
WD4JZH LEBANON .....151.4 KY
KF4TLT STINETT ..... KY
KG5SF GREENVILLE ..... MS
N5ZMZ UTICA ..... MS
WA4IXW MADISON .....103.5 NC
W4NYR SHELBY ..... NC
KF4DTL SYLVA .....151.4 NC
WA4TEP WASHINGTON ..... NC
KF4CDR CHARLESTON ..... SC
KB4RRC PALMETTO ..... SC
K4BBN CROSS PLAINS ..... TN
K4PHT DAYTON ..... TN
NM4L ABINGDON .....103.5 VA
KC4KMY EASTVILLE .....156.7 VA
W3RUA FRANKLIN ..... WV
NU8K LOGAN/SUMERCO ..... WV

147.9600 / 147.3600
W4SCR DOUGLASVILLE .....88.5 GA
WA4HZX DUBLIN ..... GA
KQ9Z LOUISVILLE ..... KY
KG5CJR HATTIESBURG ..... MS
KC5QGC LOUISVILLE ..... MS
K5SVC NATCHEZ .....100.0 MS
WA4J BOONE/RICH MTN .....103.5 NC
WD4LDB DURHAM ..... NC
W4PET LUMBERTON ..... NC
N4EOY COLUMBIA ..... SC
KA4OAK LAFOLLETTE ..... TN
W4BS MEMPHIS .....107.2 TN
AF4TZ NASHVILLE ..... TN
K4KLX PARIS ..... TN
KA4CBB CHESTERFIELD ..... VA
KB4OLM STUARTS DRAFT ..... VA
N8FWL BECKLEY .....123.0 WV
WV8TC MIDDLEBOURNE .....110.9 WV
K7SOB SKYLINE .....127.3 WV

147.9750 / 147.3750
K4TQU ATHENS/CRAWFRD .....127.3 GA
KB4VAK LAFAYETTE .....77.0 GA
K4XYZ BUCKHORN LAKE .....103.5 KY
K4CO WALTON .....123.0 KY
KA5VFU GULFPORT ..... MS
KD4EAD BETHEL .....151.4 NC
KD4WAR BURNSVILLE ..... NC
K4GWH GRAHAM .....114.8 NC
KI4CB GEORGETOWN ..... SC
K4LEO #GREENWOOD ..... SC
WN4HL #DICKSON ..... TN
W4NRV PEARISBURG .....100.0 VA
WD8LNB GRAFTON .....118.8 WV

147.9800 / 147.3800
WB5NAY PONTOTOC ..... MS

147.9900 / 147.3900
KE4SNT #BLACK ROCK MT ..... GA
W4CJB PEMBROKE ..... GA
W4OHH THOMASTON .....131.8 GA
KE4INT #ARTEMUS .....107.2 KY
WR8CRA COVINGTON ..... KY
KF4TOL CRESTWOOD .....151.4 KY
N8QCW LOUISA .....127.3 KY
KC5QHP FOREST .....100.0 MS
WB4IUY CLAYTON .....88.5 NC
WA4QBG EDEN/STONEVILLE ..... NC
WA4CHZ LOCUST .....100.0 NC
K4PPD SHALLOTTE ..... NC
N4DTR WAYNESVILLE ..... NC
KA4FEC LEXINGTON ..... SC
KF4L CLARKSVILLE .....123.0 TN
K4DPD DAYTON/RHEA CTY ..... TN
KQ4E #MORRISTOWN ..... TN
WA4BJY OAKFIELD ..... TN
KF4TNP #RICHLAND .....167.9 TN
K4ARO PETERSBURG ..... VA
N8RCG KEYSER .....123.0 WV
WV8D LEWISBURG .....100.0 WV
WD8CYV PARKERSBURG .....141.3 WV

220 MHZ

222.1800 / 223.7800
WD8OHX #LEON ..... WV

222.3000 / 223.9000
WB4SJV HERMITAGE ..... TN

222.3400 / 223.9400
KC4QK ASHLAND ..... KY
W4ZJM MEMPHIS .....*# TN

222.3600 / 223.9600
WR3S SMITHVILLE ..... TN
AA2LD MILLVILLE, NJ .....156.7 ZZ

222.3800 / 223.9800
W4CAT GALLATIN .....107.2 TN
W3PS OCEAN CITY, NJ .....156.7 ZZ

222.4200 / 224.0200
WB4JEH #CONYERS ..... GA

222.4600 / 224.0600
W4NYR SHELBY ..... NC

222.5000 / 224.1000
KA4UHL NANCY .....100.0 KY
KF4TNP LEWISBURG ..... TN
WB4YHD FAIRFAX ..... VA
N4CH ROANOKE ..... VA

222.5200 / 224.1200
N4NFP ATLANTA/MARIETTA .....151.4 GA
WM4MD MIDDLESBORO .....82.5 KY
K4ITL CHAPEL HILL ..... NC
W4GL SUMTER ..... SC
WV8B FLAT TOP/WINTRPL.....100.0 WV

222.5400 / 224.1400
KD4ALC WALESKA ..... GA
W5SAR WAYNESBORO ..... MS
WR4BEG SOPHIS/RANDLEMAN ..... NC
WB4QHF PICKENS/CSRS HD .....131.8 SC
KB4PNG ONEIDA ..... TN
N4HRV CHARLOTTESVILLE .....88.5 VA
WR8M WILLIAMSON ..... WV

222.5600 / 224.1600
KC4JNN BISKEY MTN .....100.0 GA
KN4K LENOIR/HIBRITN ..... NC
K4ITL RALEIGH ..... NC
N7GZT COLUMBIA ..... SC
WR3S NASHVILLE ..... TN
KF4VED BLUEMTN ..... VA

222.5800 / 224.1800
N4YDX DALLAS ..... GA
KA4NRL CHARLESTON ..... SC
KB8FPK ERWIN ..... TN
WA1ZMS BEDFRD/APL ORCH .....100.0 VA

222.6000 / 224.2000
KC4OVY #ATLANTA-NE .....100.0 GA
WA4US WILMINGTON ..... NC
W4ILY GREENVILLE ..... SC
W4CBX BLOUNTVILLE ..... TN
W4JAS HAMPDEN-SYDNEY ..... VA
WB4GUG STUART .....107.2 VA

222.6200 / 224.2200
AD4CR VERSAILLES ..... KY
NF4C ROCKY MOUNT ..... NC
KB4FZK KNXVL/CROSS MT .....100.0 TN
KO4BN SPRINGFIELD ..... TN
N3HXT WINCHESTER ..... VA
KC8LRN HILLSBORO .....131.8 WV

222.6400 / 224.2400
N4YYD FT MT/CHATSWTH .....71.9 GA
WA4KNI HENDSVL/BERWLW ..... NC
KE4QOX KVILLE/HIPOINT .....107.2 NC
N8FWL BECKLEY .....123.0 WV

222.6600 / 224.2600
KE4QFG MARIETTA .....110.9 GA
KF4ZTB GARRETT ..... KY
WA4BVW ASHVL/MT PISGAH ..... NC
WR4AGC HILLSBOROUGH ..... NC
N4PYI SHORT MTN. .....114.8 TN

222.6800 / 224.2800
N4BLR ATLANTA ..... GA
AC4RZ PICKENS ..... SC
KA4OAK LAFOLLETTE ..... TN
AB4M LYNCHBURG ..... VA

222.7000 / 224.3000
WA4KM TEMPLE .....100.0 GA
KA4MKT LOUISVILLE ..... KY
N4AI SOMERSET ..... KY
WA4WRS BARIUM SPRINGS ..... NC
KE4CKJ STAUNTON/EL KNOB .....131.8 VA

222.7200 / 224.3200
N4MTA ACWORTH/ATL .....123.0 GA
KA4SQN JACKSONVILLE ..... NC
W4IT PICKENS/SASFR MT ..... SC
KK4US CLEVELAND ..... TN

223.7200 / 224.3200
K4TDO LYNCH ..... KY

222.7400 / 224.3400
W4DOC ATLANTA ..... GA
WW4DC THOMASVILLE .....88.5 NC
WB4GBI KNOXVILLE ..... TN
KM4OI TYSONS CORNER ..... VA
N8FWL BECKLEY/OAK HILL .....123.0 WV

222.7600 / 224.3600
N4BZJ DALTON ..... GA
WB4PAC #GRIMESLAND ..... NC
WA4TG MARSHALL ..... NC
WR3S LAVERGNE ..... TN
KE4JSV LURAY ..... VA
WB8YST CHARLESTON .....107.2 WV

222.7800 / 224.3800
N4RBT DAHLONEGA ..... GA
WR4AMS META ..... KY
N4OQJ KNOXVILLE .....100.0 TN
WS4W RIDGEWAY ..... VA

222.8000 / 224.4000
KC4AQS JASPER .....100.0 GA
W4BFB CHARLOTTE ..... NC
WB4QHF PICKENS .....131.8 SC
KB4YGI COLLIERVILLE ..... TN
N4RBB MORRISTOWN ..... TN
W8COX SUTTON .....123.0 WV
W3PS POTTSTOWN, PA .....156.7 ZZ

222.8200 / 224.4200
KD4AOZ WATKINSVILLE .....123.0 GA
AC4AO LEXINGTON ..... KY
W4BS MEMPHIS ..... TN
WD4MGSM HORN/HIGH KNB ..... VA
WG8S PATRICK SPRINGS .....103.5 VA
WD4KHP BELL KNOB ..... VA

222.8400 / 224.4400
N4NEQ ATLANTA/MARIETTA .....151.4 GA
WB4GUG GREENSBORO .....107.2 NC
KN4CW WEST SPRINGS ..... SC
KC4TFQ #NASHVILLE ..... TN
N2FUV SEVIERVILLE ..... TN
N8FWL BLUEFIELD .....123.0 VA

222.8600 / 224.4600
N4BZJ DALTON .....118.8 GA
KB0Y VALDOSTA .....141.3 GA
K4XYZ BUCKHORN LAKE .....103.5 KY
KC4ZTJ SHELBY ..... NC
WR3S NASHVILLE ..... TN

222.8800 / 224.4800

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KC4FWC LOCUST ..... NC
K4ZGA NASHVILLE ..... TN
KD4HZN ROGERSVILLE ..... TN
222.9000 / 224.5000
N4MTA ACWORTH/ATL .....123.0 GA
N4FND SHEPHERDSVILLE .....151.4 KY
N4DRL BYHALIA ..... MS
AD4DN WILMINGTON .....88.5 NC
KC4JIA GAFFNEY .....123.0 SC
W4BBB KNOXVILLE/RACK .....100.0 TN
K4RCA MARTINSVILLE ..... VA
222.9200 / 224.5200
KE4AIS PINE LOG MTN ..... GA
WR4AMS DORTON ..... KY
KD4CJG ASHEVILLE .....91.5 NC
K4RWN LITTLE MTN ..... SC
222.9400 / 224.5400
N4YEA DALLAS ..... GA
WA4BVW MT MITCHELL ..... NC
N8ITF SPRINGFIELD .....107.2 TN
WB4PVT HAMPTON .....100.0 VA
N8FWL BECKLEY - WEST .....123.0 WV
222.9600 / 224.5600
W4RRG LOOKOUT MT ..... GA
KD4RXF LANCASTER ..... KY
WB4YZF FAYETTEVILLE ..... NC
N5CWH LEESVILLE .....162.2 SC
AC4JF NEWPORT .....100.0 TN
K4YW WYTHEVILLE .....77.0 VA
KC8CSE GREEN BANK NRAO .....123.0 WV
222.9800 / 224.5800
NX9O ALPHARETTA .....100.0 GA
WB4F PIKEVILLE ..... KY
KR4AA ROCKY MOUNT ..... NC
KB4VFD CROSS ..... SC
N4KFI KNOXVILLE .....103.5 TN
223.0000 / 224.6000
W4UWH JASPER .....100.0 GA
WB4PLA ASHEVILLE ..... NC
KC4KUL #BIG PHOENIX MTN.....100.0 NC
KD4TZZ MURFREESBORO .....123.0 TN
W4LG LAKE GASTON ..... VA
223.0200 / 224.6200
W4PME ATLANTA/BELL .....100.0 GA
KD4DAR PIKEVILLE ..... KY
KC4IRA GASTONIA .....127.3 NC
KD4JFN HAW RIVER .....107.2 NC
W4UWH GATLINBURG ..... TN
W4GSF GLOUCESTER ..... VA
223.0400 / 224.6400
W4RRG LOOKOUT MT. ..... GA
KG4JIA CHERRY MTN .....71.9 NC
W4RNC RALEIGH ..... NC
KC4SWI COLUMBIA ..... SC
KC4RGQ MORRISTOWN ..... TN
N8FWL HINTON/BECKLEY ..... WV
223.0600 / 224.6600
NP2Y YOUNG HARRIS .....100.0 GA
KE4RQL BIG KNB/MARS HIL .....100.0 NC
WA1YYN EFLAND .....107.2 NC
W4VFR SUMTER/SHAW ..... SC
WR3S NASHVILLE ..... TN
223.0800 / 224.6800
N4BZJ DALTON ..... GA
WB4KPF WILMINGTON ..... NC
KA4RCL WAYNESBORO .....131.8 VA
W3PS EAGLEVILLE, PA .....156.7 ZZ
223.1000 / 224.7000
W4TIY DALLAS ..... GA
WB9SZL CLEMMONS .....100.0 NC
KM4TC DUNCAN .....88.5 NC
KD4VUW GALLATIN ..... TN
KD4IBW SEVIERVILLE .....100.0 TN
K4ARO PETERSBURG ..... VA
WS8L CHARLESTON .....123.0 WV
223.1200 / 224.7200
W4UWH CLAYTON ..... GA
WR4AMS PRESTONSBURG ..... KY
WA4DAN TRENTON ..... NC
KC8LRN SLATY FORK .....91.5 WV
223.1400 / 224.7400
N4KVC DALTON ..... GA
KD4WAR BURNSVILLE ..... NC
N4NCK OXFORD ..... NC
N4PYI NASHVILLE .....100.0 TN
KC4JGC NORFOLK .....100.0 VA
N8FWL BECKLEY - SOUTH .....123.0 WV
223.1600 / 224.7600
W4BOC STONE MT ..... GA
KB7BTU PLYMOUTH .....131.8 NC
W4EXU SALISBURY ..... NC
WO4E GREENBRIER ..... TN
K4PCK KNOXVILLE ..... TN
WR3S S. PITTSBURG ..... TN
WA4TFZ CHARLOTTESVILLE ..... VA
223.1800 / 224.7800
KC4KLW CEDARTOWN .....179.9 GA
WB5OWY VICKSBURG ..... MS
N4IV EDEN .....103.5 NC
KO4BR ORANGEBURG ..... SC
K4VCM CHATTANOOGA ..... TN
KE4FH JC/BUFFALO MT ..... TN
WA4KOG MEMPHIS ..... TN
W4IY WOODBRIDGE ..... VA
223.2000 / 224.8000
WA4SSJ CONYERS .....103.5 GA
KR4BD LEXINGTON ..... KY
KD4WJD ZEBULON .....88.5 NC
WZ4SC FORT MILL ..... SC
WQ4E GREENBRIAR ..... TN
KD4IBW SEVIERVILLE ..... TN

KC8LRN LEWISBURG .....131.8 WV
KA1OKQ CONCORD, NH .....103.5 ZZ
223.2200 / 224.8200
KK4C ATLANTA .....77.0 GA
WR4MG HAWKINSVILLE .....107.2 GA
WR4AMS HAZARD ..... KY
N4DWU CANTON ..... NC
KD4LHP KERNERSVILLE .....107.2 NC
223.2400 / 224.8400
W4TL GAINESVILLE .....131.8 GA
WR4MG WARNER ROBINS ..... GA
WA4NC BANNER ELK ..... NC
WA4DAN GRIFTON ..... NC
KC4WGH COALFIELD .....88.5 TN
KC4PRD NASHVILLE ..... TN
N4PLV BEDFORD ..... VA
N8FWL ANSTED .....123.0 WV
223.2600 / 224.8600
KC4JNN ALPHARETTA .....100.0 GA
K4NOC BISHOPVILLE ..... SC
KO4Q PEARISBURG .....107.2 VA
223.2800 / 224.8800
WD4LUQ YORKVILLE .....77.0 GA
N4AI SOMERSET ..... KY
N4DRL WARSAW ..... MS
K4AIH ANDRWS/ROBINSVL ..... NC
K4DQ FANCY GAP .....100.0 VA
223.3000 / 224.9000
W4LMA MARIETTA ..... GA
N4EQT LAWRENCEBURG .....107.2 KY
N4EQY COLUMBIA ..... SC
W4WC GREENEVILLE .....100.0 TN
WD9JGI SWEETWATER .....127.3 TN
AA4HQ DELTAVILLE ..... VA
K4YDG ROANOKE/TINKER ..... VA
223.3200 / 224.9200
W4CSX SNELLVILLE .....100.0 GA
W4NYK GRNVL/DOWNTWN .....88.5 SC
W4RRG SIGNAL MT ..... TN
WA8O BLUEFIELD ..... VA
223.3400 / 224.9400
WB4KXO AUGUSTA ..... GA
KB4GDS WALESKA ..... GA
AD4RU IRVINE ..... KY
N4UJ CLARENCE ..... SC
WB4NKM GREENEVILLE ..... TN
WA4PCD NASHVILLE ..... TN
AB4EM ROANOKE/CAHAS MT .... VA
223.3600 / 224.9600
PT2RFL ATLANTA/MARIETTA .....100.0 GA
KC4ZTJ CHERRYVILLE ..... NC
W3PS GOLDSBORO .....156.7 NC
N4QVI GREENSBORO ..... NC
N4UQS HENDERSONVILLE ..... NC
WR3S SE NASHVILLE ..... TN
W3PS MANCHESTER, PA .....156.7 ZZ
223.4000 / 224.9800
K4JSR CUMMING ..... GA
WR4AMS LONDON ..... KY

440 MHZ

434.0000 / 421.2500
W4ZTL ATLANTA/BELL ..... GA
K4NLX SAVANNAH ..... GA
KJ4SO DURHAM TV HILL ..... NC
KO4AT GREENSBORO ..... NC
WD4ATV JOHNSON CITY/BUF ..... TN
WA4GSS HUNTINGTON ..... WV
KB8QHO WHEELING ..... WV
439.2500 / 421.2500
W4BEJ ELIZABETHTOWN ..... KY
W4PPN CHARLOTTE ..... NC
N4GUP LEXINGTON ..... SC
WZ4O SUMTER ..... SC
AF4TZ NASHVILLE ..... TN
N4XND GLOUCESTER ..... VA
W4HTB BOWLING GREEN ..... KY
KA5NOJ GAUTIER ..... MS
N3XA WAYNESBORO ..... VA
WA4VHP SAVANNAH ..... GA
W4NYR #SHELBY ..... NC
438.7750 / 433.0750
WA3KOK CHESTERFIELD ..... VA
438.8000 / 433.2000
WD4ICX FANCY GAP ..... VA
446.2500 / 441.2500
NQ4Y MONTEAGLE MT. ..... TN
446.3500 / 441.3500
KD4DXR #WALESKA ..... GA
WA4USN KNIGHTSVILLE ..... SC
446.4500 / 441.4500
WA4USN MT. PLEASANT ..... SC
446.5250 / 441.5250
N4KJU PAINTSVILLE .....127.3 KY
KY4SP WEBSTER ..... KY
KG4AQH GREELEYVILLE ..... SC
446.6000 / 441.6000
WA4AYB RICHMOND ..... VA
446.6250 / 441.6250
W4ERT TAYLORSVILLE .....123.0 NC
446.8000 / 441.8000
KC4YNF ACWORTH .....77.0 GA
AF4MI PEMBROKE .....123.0 GA
446.8250 / 441.8250
KA4MLK ROME .....100.0 GA
446.8500 / 441.8500
KF4QLF GRIFFIN ..... GA
KY4DJ FORT WRIGHT .....107.2 KY
446.8750 / 441.8750
K4NRC NEWNAN .....156.7 GA
KD4TZZ MURFREESBORO .....107.2 TN

446.9000 / 441.9000
WB4GQX CUMMING .....141.3 GA
446.9250 / 441.9250
W4CSX DALLAS .....162.2 GA
446.9500 / 441.9500
KE4OKD SANDY SPRINGS .....103.5 GA
K4TUE NEWPORT .....107.2 VA
446.9750 / 441.9750
WB4ULK COLUMBUS ..... GA
KG4BTN GREENSBORO .....162.2 NC
447.0000 / 442.0000
WB6RTH ALPHARETTA .....107.2 GA
AF4UL MACON .....100.0 GA
N4ORL LOUISVILLE ..... KY
AI4M GAFFNEY .....114.8 SC
K4TTC HOHENWALD ..... TN
K4BTL MARYVILLE ..... TN
W4LG GASBURG ..... VA
WB3T WYTHE/WALKER MT .....103.5 VA
447.0250 / 442.0250
W4CML ATLANTA .....127.3 GA
KD4KMK YADKINVILLE .....100.0 NC
447.0500 / 442.0500
KY1KDO MARIETTA .....107.2 GA
KD4ADJ LEXINGTON ..... KY
WA1YYN EFLAND .....107.2 NC
KD4XV JASPER .....127.3 TN
WB4SQC JOHNSON CITY/HOL.....100.0 TN
WA4BJY MEDINA ..... TN
447.0250 / 442.0750
W8BLA ROSWELL ..... GA
447.0750 / 442.0750
N4VOS STANTON ..... KY
KD4PBS APEX .....114.8 NC
K4JLA COLUMBUS .....103.5 NC
N4JDW WILMINGTON .....88.5 NC
KJ4BJ DAYTON ..... TN
KA4BNI LEXINGTON .....107.2 TN
KF4UCI CHARLOTTESVILLE .....151.4 VA
447.1000 / 442.1000
K4HUM NORCROSS .....100.0 GA
N4RBL LOUISVILLE AREA ..... KY
N4IV WENTWORTH .....103.5 NC
K4USC UNION ..... SC
KF4TNP LEWISBURG .....107.2 TN
WD4PAX MILAN ..... TN
447.1250 / 442.1250
KD4GRU BLUERIDGE .....146.2 GA
KG4IWI HENDERSON .....88.5 NC
WT4F PICKENS ..... SC
KB4YFV HILLSVILLE .....103.5 VA
447.1500 / 442.1500
N4SE ROSWELL/BELL .....100.0 GA
KD4RTR DORTON .....167.9 KY
W4UNC CHAPEL HILL .....131.8 NC
WJ9J CHATTANOOGA ..... TN
KA4BNI DRESDEN .....107.2 TN
WD4RBJ PULASKI .....118.8 TN
KD4SUU CHESTERFIELD ..... VA
447.1750 / 442.1750
N4BZJ DALTON .....118.8 GA
K4NGQ FRANKFORT .....67.0 KY
KC4UBR LINVILLE .....136.5 NC
KE4GYN ROXBORO .....156.7 NC
WA4US WILMINGTON ..... NC
KU4ZS SPARTANBURG .....123.0 SC
W4GMM MEMPHIS .....107.2 TN
447.2000 / 442.2000
KF4SKT BLAIRSVILLE ..... GA
N3APR DECATUR ..... GA
N5DWU ELLISVILLE .....167.9 MS
WA4US WILMINGTON ..... NC
N7GZT COLUMBIA .....162.2 SC
N7GZT ORANGEBURG ..... SC
WM4T GRAY .....100.0 TN
WA4BJY OAKFIELD ..... TN
N4IFC LYNCHBURG/T.ROW .....103.5 VA
447.2250 / 442.2250
WB6RTH #ATLANTA .....107.2 GA
WJ9J ROCKWOOD/OZONE ..... TN
NO4Q WAVERLY .....110.9 TN
WB4GUG STUART .....107.2 VA
447.2500 / 442.2500
KE4HAC MADRAS .....141.3 GA
N5DWU ELLISVILLE .....167.9 MS
KB4PQA GREENVILLE ..... SC
WD4DES CLEVELAND .....118.8 TN
WA4PGI COVINGTON .....100.0 VA
447.2750 / 442.2750
K4DDH MACON .....100.0 GA
N4ZFJ AUBURN ..... NC
KO0NTZ LEXINGTON .....146.2 NC
KF4CFO ETOWAH .....141.3 TN
KE4PFW HENDERSON ..... TN
K8VKB RICHWOOD .....123.0 WV
447.3000 / 442.3000
KW4KW RINGGOLD .....118.8 GA
WW4T STATHAM ..... GA
KC4QPR MORG/WALKER TOP .....94.8 NC
KC4ED SUMMERVILLE ..... SC
WA4UCE COOKEVILLE .....107.2 TN
KC4VDZ RICHMOND .....114.8 VA
447.3250 / 442.3250
W4JLG MABLETON ..... GA
WM4MD MIDDLESBORO .....67.0 KY
WD4ICX ASHEBORO ..... NC
K2IMO ELM CITY .....88.5 NC
447.3500 / 442.3500
WD4NHW BALDWIN ..... GA
KD4TAH RUSSELLVILLE .....136.5 KY
KF5TU LAKE GASTON .....100.H NC

WA4YGD LINCOLNTON ..... NC
KF5TU MCKINNEY, TX .....100.0 ZZ
447.3750 / 442.3750
KE4QFG MARIETTA ..... GA
KE4YRE SHELBYVILLE ..... KY
WA4PXV HICKORY ..... NC
KG4CEO CUMBERLAND FU .....107.2 TN
447.4000 / 442.4000
N4UER WARM SPRINGS ..... GA
KF4JJD GARRETT .....79.7 KY
AA4XV LATONIA ..... KY
KD4WJD ZEBULON ..... NC
WB4QHF PICKENS/CSRS HD .....127.3 SC
KF4YI LYNCHBG/JACK MT.....107.2 VA
447.4250 / 442.4250
KC4FIE MADISONVILLE ..... KY
K4AE LEXINGTON .....107.2 NC
AF4ZJ CHAT/WALDEN ..... TN
KA4BNI JACKSON .....107.2 TN
447.4500 / 442.4500
W4CML SNELLVILLE ..... GA
KD4CLR LOUISVILLE AREA.....151.4 KY
WA4TOG HENDERSONVILLE ..... NC
N4LMR RALEIGH ..... NC
KD4NED CLEVELAND .....88.5 TN
W8MOP BLUEFIELD ..... VA
WA3KOK CHESTERFIELD .....107.2 VA
447.4750 / 442.4750
K4NVG LAVONIA .....203.5 GA
W4RRG LOOKOUT MT. .....67.0 GA
W1MED MARLOW .....114.8 GA
KE4DGP WILKESBORO .....107.2 NC
AG4AN FOREST ..... VA
447.5000 / 442.5000
AB4KN PEACHTREE CITY .....77.0 GA
KE4PMP VIDALIA .....88.5 GA
KB4RYM LOUISVILLE ..... KY
K4GFY MOREHEAD ..... KY
KG4JIA CHERRY MTN .....94.8 NC
K4YNY WILMINGTON .....88.5 NC
WB4HAP KNOXVILLE .....103.5 TN
W4CA ROANOKE/POOR MT ..... VA
447.5250 / 442.5250
N4XQM ATLANTA .....203.5 GA
KY4JD FORT WRIGHT .....123.0 KY
WB3T WYTHEVILLE .....103.5 VA
447.5500 / 442.5500
WB4JEH CONYERS .....151.4 GA
WD4ELX LOUISVILLE ..... KY
WA4TOG ASHEVILLE ..... NC
K1BUD PITTSBORO ..... NC
W4RAT RICHMOND .....127.3 VA
447.5750 / 442.5750
WA4BPY CUMMING .....79.9 GA
AE4LW MADISONVILLE .....100.0 KY
W4MLU RALEIGH .....156.7 NC
KU4RT HENDERSON ..... TN
NU5O MEMPHIS .....77.0 TN
WB4IVB JONESVILLE .....100.0 VA
447.6000 / 442.6000
KD4FOC DUBLIN .....77.0 GA
WA4OKJ MARIETTA .....100.0 GA
KD4ADJ MT STERLING ..... KY
WD4NWV ANDRWS/ROBINSVL .....151.4 NC
WA4PXV VALDESE ..... NC
N8ITF SPRINGFIELD .....107.2 TN
K4ARO PETERSBURG ..... VA
K4ARO ROANOKE ..... VA
447.6250 / 442.6250
WA4BP GAINESVILLE .....131.8 GA
KD4CDX HARLAN .....100.0 KY
KE4KIV NEWTON ..... NC
WB4EPG MEMPHIS ..... TN
447.6500 / 442.6500
KE4FHN DANIELSVILLE ..... GA
W4RRG LOOKOUT MT .....100.0 GA
KD4GEU ASHEVILLE ..... NC
WA1ZMS BEDFRD/APL ORCH .....100.0 VA
447.6750 / 442.6750
KE4PVE ATLANTA .....100.0 GA
KD4BOH ROCKPORT .....77.0 KY
NC4SU RALEIGH .....100.0 NC
WA4MPZ BLUFFTON .....100.0 SC
KA4BNI CONCORD .....107.2 TN
447.7000 / 442.7000
KC4ZGN ELLIJAY .....77.0 GA
W4MAZ MACON .....97.4 GA
K4NLX SAVANNAH ..... GA
WA4PZN SHELBYVILLE ..... TN
W7CP ROANOKE ..... VA
447.7250 / 442.7250
KE4QFG MARIETTA/ATL ..... GA
KB4YJ LOUISVILLE .....151.4 KY
N5LRQ VOSSBURG .....167.9 MS
AA4LB SIMPSONVILLE .....100.0 SC
W4RDM COLUMBIA ..... TN
KE4MBR DECATUR .....141.3 TN
KF4RMT BASSETT ..... VA
KB8PCW GILBERT ..... WV
447.7500 / 442.7500
N3DAB JASPER .....141.3 GA
KD4HEY ANDERSON .....162.2 SC
WD4KZK ROANOKE/MILL MT .....107.2 VA
447.7750 / 442.7750
K4VJM FLOWERY BRANCH ..... GA
KC4FIE MADISONVILLE ..... KY
KG4LWG GASTONIA .....123.0 NC
KF4CDR CHARLESTON ..... SC
AE4PZ MOUNTAIN REST .....127.3 SC
KE4CIF PULASKI ..... VA
447.8000 / 442.8000

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N4NFP ATL/MARIETTA ..... GA
N4AAD YADKINVILLE .....100.0 NC
WD4LUR LAKE CITY .....100.0 TN
KB4MIC GUM SPRING ..... VA
447.8250 / 442.8250
W1CP CLAYTON .....162.2 GA
KC4ENL HAPEVILLE .....167.9 GA
WF4G MEMPHIS ..... TN
KT4PN ONEIDA ..... TN
447.8500 / 442.8500
WB4HJG LAWRENCEVILLE .....82.5 GA
W2HR GILBERTSVILLE .....103.5 KY
AG4AZ BREVARD ..... NC
KA4IXK ROANOKE/POOR MT ..... VA
WB8NSL PENNSBORO .....103.5 WV
447.8750 / 442.8750
PT2RFL ATLANTA/MARIETTA .....100.0 GA
W3LAP COCHRAN .....77.0 GA
W4GSO GREENSBORO .....88.5 NC
KD4DMS SPIVEY'S CORNER ..... NC
KC4WHL HARRIMAN .....136.5 TN
KF4OCK LORETTO .....203.5 TN
447.9000 / 442.9000
K3TD BUFORD .....103.5 GA
WR4MG WARNER ROBINS ..... GA
W4CMR IRVINE ..... KY
WW4DC THOMASVILLE .....88.5 NC
N4WT CHATT/HIXSON ..... TN
KE4CES JACKSON .....114.8 TN
W4MT NEWPORT NEWS .....100.0 VA
447.9250 / 442.9250
KC4YHM EATONTON ..... GA
K4CH LEXINGTON .....107.2 NC
WD4OAR WHITE OAK MT .....100.0 TN
KB8QKM CHARLESTON .....71.9 WV
447.9500 / 442.9500
AA4AI ATHENS .....179.9 GA
N4XGI ST SIMONS ISLAND .....131.8 GA
W4ERT TAYLORSVILLE .....151.4 NC
KC4YLL PARIS .....123.0 TN
AB4FU LYNCHBURG ..... VA
447.9750 / 442.9750
WA4YNZ ATLANTA ..... GA
WA4YNZ #ROSWELL ..... GA
KF4DAR KERNERSVILLE .....107.2 NC
NK4W LITTLE MT .....162.2 SC
KB8KSP ABINGDON .....100.0 VA
448.0000 / 443.0000
W4DRC CHATSWORTH ..... GA
KE4ZRT DOUGLAS .....141.3 GA
KT4GB BARDSTOWN ..... KY
KD4DVI PADUCAH .....179.9 KY
KI4RK PIKEVILLE ..... NC
W4ZJM MEMPHIS .....*# TN
KM4X WHITETOP MT .....103.5 VA
N8HZ HUNTINGTON ..... WV
W3PS LINWOOD, PA .....156.7 ZZ
448.0250 / 443.0250
W4CML ATLANTA .....127.3 GA
KD4IEZ DUBLIN .....156.7 GA
KE4OOL LEXINGTON .....123.0 KY
WB4IKY GIBSONVILLE .....107.2 NC
N4UAG KNOXVILLE ..... TN
KA8YEZ WHEELING .....77.0H WV
448.0500 / 443.0500
NE1H SNELLVILLE ..... GA
W3PS GOLDSBORO .....156.7 NC
WB4PUB #NASHVILLE .....107.2 TN
N8FWL BECKLEY .....123.0 WV
W3PS CHESTER, PA .....156.7 ZZ
448.0750 / 443.0750
WX4EMA #MACON .....156.7 GA
WR4BEG SOPHIA/RANDLEMAN ..... NC
KA4AZQ KNOXVILLE .....100.0 TN
448.1000 / 443.1000
N4KHQ DAHLONEGA .....100 GA
N4WJS OWENSBORO .....110.9 KY
KE4QOX SAURATOWN MT .....88.5 NC
KF4TNP BRICK CHURCH .....167.9 TN
KA4JXT MEMPHIS .....107.2 TN
KN4YM POWHATAN ..... VA
KE4QOX BECKLY/OAK HILL .....107.2 WV
448.1250 / 443.1250
KU4ML FOSTER ..... KY
KB4PQA CRAB CREEK TWP ..... NC
WA4NNA RALEIGH ..... NC
KT4OL CHATTANOOGA ..... TN
KT4OL CHATTANOOGA ..... TN
KC4PRD GOODLETTSVILLE .....107.2 TN
KA4JXT HICKORY VALLEY .....107.2 TN
KA4JXT MEMPHIS ..... TN
WB3T MARION .....103.5 VA
448.1500 / 443.1500
KF4XH BYRON ..... GA
W4PME ROSWELL/BELL .....100.0 GA
KD4PBC MIDDLESBORO .....146.2 KY
W4HG SALISBURY .....136.5 NC
KD4PBC GATLINBURG .....146.2 TN
KD4PBC TRI-CITIES .....146.2 TN
K8MHR ST. ALBANS ..... WV
448.1750 / 443.1750
N4GIS CARTERSVILLE ..... GA
KC4COV FLORENCE .....131.8 KY
KD4HLH LAURENS .....146.2 SC
KG4GCZ MT PLEASANT .....107.2 TN
WG8S PATRICK SPRINGS ..... VA
448.2000 / 443.2000
K4YC IVEY .....88.5 GA
KD4APP PINE LOG MT .....103.5 GA
KC4FWC #STANFIELD .....77.0 NC
KD2LH YOUNGSVILLE .....88.5 NC

W4WC GREENEVILLE .....100.0 TN
W4BS MEMPHIS .....107.2 TN
KB4YKV AMELIA ..... VA
448.2250 / 443.2250
WA4DIW JONESBORO ..... GA
KD4TAH FRANKLIN ..... KY
KS4TO WADDY ..... KY
N4ZCM RALEIGH ..... NC
W8LG BECKLEY/BOLT ..... WV
448.2500 / 443.2500
KC4JNN #BISKEY MTN .....100.0 GA
KJ4VF DORTON ..... KY
N4JEX CHINA GROVE .....136.5 NC
448.2750 / 443.2750
KC4KLW ROCKMART .....179.9 GA
KF4TLA ASHEVILLE .....103.5 NC
WA4WTX ROUGEMNT/RED MT .....100.0 NC
WA4AWI LEBANON .....107.2 TN
448.3000 / 443.3000
WW4GA ATHENS ..... GA
KB5DZJ WIGGINS .....167.9 MS
KC4KUL ARCHDALE ..... NC
KB4TOH COLUMBIA .....131.8 NC
AI4M FOREST CITY .....114.8 NC
KA7UEC COLLIERVILLE .....107.2 TN
WA4KJH GATLBG/COVE MT .....127.3 TN
WS8L CHARLESTON .....123.0 WV
448.3250 / 443.3250
N4JMD STOCKBRIDGE ..... GA
WA4CMO FRANKFORT ..... KY
KF4IXK KERNERSVILLE .....131.8 NC
WB3T BLUEFIELD/ONEIDA .....103.5 VA
448.3500 / 443.3500
N4YYD FT. MT/CHATSWTH .....71.9 GA
K4ULW LOUISVILLE SW ..... KY
W5CJR PETAL ..... MS
N4JEX KANNAPOLIS .....136.5 NC
ND4N GRNVLE/PARIS MT ..... SC
WA4AWI DEASON .....107.2 TN
K4GX ROGERSVILLE ..... TN
KA1OKQ PETERBORO, NH .....110.9 ZZ
448.3750 / 443.3750
KC4AQS JASPER .....100.0 GA
W1IFE RALEIGH ..... NC
KF4ZIG INDEPENDENCE .....103.5 VA
KC8SDN RICHWOOD .....123.0 WV
448.4000 / 443.4000
WB4GWA CONCORD .....118.8 GA
K4XYZ BUCKHORN LAKE .....103.5 KY
N0SU BRYSON CITY .....151.4 NC
WB4GUG SAURATOWN MT .....107.2 NC
AD4DN WILMINGTON .....88.5 NC
AC4WW AIKEN .....107.2 SC
WD4DBJ CUMBERLAND CITY ..... TN
WA4QWW MEMPHIS ..... TN
448.4250 / 443.4250
KD4CPO BRUNSWICK ..... GA
AE4JO ETOWAH VALLEY .....103.5 GA
KB4MDE JASPER ..... GA
KD4RTR MILLARD ..... KY
WA1YYN RES. TRIANGLE PK.....156.7 NC
448.4500 / 443.4500
WC4RAV COBB COUNTY .....103.7 GA
KB4VAK HIGH PT/LOOKT MT.....77.0 GA
AE4NU COX'S CREEK .....151.4 KY
KC5LCW GAUTIER .....123.0 MS
N5WXD WEST POINT ..... MS
N4VOZ STATESVILLE ..... NC
KC4RBA LYNCHBURG .....186.2 VA
448.4750 / 443.4750
WA4EJC BOGART ..... GA
KC4COV FLORENCE .....131.8 KY
KE4UIU CANTON .....156.7 NC
W4UNC CHAPEL HILL .....131.8 NC
WZ4SC FORT MILL ..... SC
KB8YDD RICHWOOD ..... WV
448.5000 / 443.5000
N4MTA MARIETTA ..... GA
WD9EQC LOUISVILLE ..... KY
KF4BRO MAYSVILLE .....123.0 KY
WB4UBY META ..... KY
W5SAR WAYNESBORO ..... MS
AB4JJ WEST JEFFERSON .....107.2 NC
N5GWH LEESVILLE .....162.2 SC
KD4CWB KNOXVILLE ..... TN
448.5250 / 443.5250
N4PQR KNOXVILLE .....114.8 GA
KC4KLW ROME .....179.9 GA
KD4EVB BURLINGTON .....107.2 KY
N4EUX LENOIR/CAJAH MT ..... NC
KD4MJO SOUTH HILL .....100.0 VA
448.5500 / 443.5500
KK4IN DACULA ..... GA
KE4WLP GRIFFIN ..... GA
N4HZX GRAEFENBURG ..... KY
WS5AR WAYNESBORO ..... MS
KC4XE WILKESBORO ..... NC
WB4LRD CHATTANOOGA ..... TN
N3ELM YORKTOWN .....100.0 VA
448.5750 / 443.5750
KD4NTF CEDARTOWN .....107.2 GA
NU5O SOUTHAVEN .....77.0 MS
WA4PXV AIR BELLOWS GAP ..... NC
KA6UHV COLLEGEDALE .....131.8 TN
W4LYR LEBANON .....100.0 TN
KC8AUY RICHWOOD ..... WV
448.6000 / 443.6000
KA5WZY ATLANTA .....146.7 GA
KA4UHL NANCY .....100.0 KY
W5PPB RAYMOND .....77.0 MS
N4DWU MT MITCHELL ..... NC

W4TLB BIG SANDY .....114.8 TN
W8CXD FOREST .....136.5 VA
KC8PFI CEREDO ..... WV
448.6250 / 443.6250
K4MDS GRAY ..... GA
KF4OYP JASPER .....100.0 GA
KF4NTQ GEORGETOWN ..... KY
AA5RZ JACKSON, EAST ..... MS
W4EUS RES. TRIANGLE PK..... NC
KE4EAN COWPENS .....136.5 SC
KA7UEC COLLIERVILLE .....107.2 TN
AD4QG EVA ..... TN
KC4MJN JAMESTOWN .....100.0 TN
WZ8E BLUEFIELD .....100.0 WV
448.6500 / 443.6500
W4CML ATLANTA .....123.7 GA
N4WJS OWENSBORO .....110.9 KY
K4AIH ANDRWS/ROBINSVL ..... NC
KD4WAR BURNSVILLE ..... NC
KG4BTN GREENSBORO .....88.5 NC
WA4AXH NOLENSVILLE ..... TN
KG4NJA NASA LANGLEY ..... VA
448.6750 / 443.6750
N4GWO BARNESVILLE ..... GA
KD4FRP CROWDER'S MT ..... NC
AD4LR PARIS ..... TN
KD4IBW SEVIERVILLE .....100.0 TN
K4YD BENT MT .....107.2 VA
448.7000 / 443.7000
W4TJY DALAS ..... GA
KY4KY BROOKS .....151.4 KY
K5PN HATTIESBURG .....136.5 MS
KE4QOX KVILLE/H POINT .....103.5 NC
WA4LBT LOCUST ..... NC
N4JEH NASHVILLE .....107.2 NC
K4VVM BARTLETT .....107.2 TN
KB4OTK LAFOLLETTE ..... TN
KB8UJG PRINCETON .....123.0 WV
448.7250 / 443.7250
KB2DZA CONYERS .....77.0 GA
KE5LT PICAYUNE .....179.9 MS
K4GWH GRAHAM .....156.7 NC
KC4KPJ CLOVER .....127.3 SC
KB5YJC MAYSVILLE .....107.2 TN
KG4KIJ SWEETWATER .....136.5 TN
N8SNY WELCH ..... WV
448.7500 / 443.7500
K4GO COVINGTON .....146.2 GA
KC4ZTI GASTONIA/CRWDR ..... NC
WB4EDS ALAMO ..... TN
KD4MSS CHATTANOOGA .....100.0 TN
WA4OHX HAMPTON .....100.0 VA
KC3FB PATRICK SPRINGS .....77.0 VA
N8LHL ROCKPORT .....123.0 WV
448.7750 / 443.7750
N4YF SUGAR HILL .....82.5 GA
KF4INN VERSAILLES ..... KY
WB4SRV CLAREMONT .....118.8 NC
KD4JFN HAW RIVER .....107.2 NC
KF4Y LAURENS .....141.3 SC
KA4MHJ SPENCER .....123.0 TN
448.8000 / 443.8000
N4NFP ATLANTA/MARIETTA .....151.4 GA
K4MSU MURRAY .....114.8 KY
N5IAT NATCHEZ ..... MS
KC4QZL MORGANTON ..... NC
W4HNK MT PLEASANT .....123.0 SC
W4HNK SUMMERVILLE ..... SC
KA4AZQ KNOXVILLE .....100.0 TN
WA1ZMS BEDFRD/APL ORCH .....100.0 VA
W4PDY PORTSMOUTH ..... VA
KA8OTX OAK HILL ..... WV
448.8250 / 443.8250
KD4HPD STONE MTN .....123.0 GA
KD4EVB FALMOUTH .....118.8 KY
K4AVY PRESTONSBURG .....127.3 KY
N5ZNS GLOSTER ..... MS
KC4FWC #ROCKINGHAM .....77.0 NC
KC4KRM SHELBYVILLE ..... TN
KF4RMT MARTINSVILLE .....107.2 VA
WB4KZI PETERSBURG ..... VA
448.8500 / 443.8500
K4PLM #WALESKA .....192.8 GA
KC4YQZ DALLAS CHLT .....100.0 NC
WA4AJC WILMINGTON ..... NC
KE4OVN DRESDEN .....107.2 TN
N4ULM FRANKLIN ..... TN
KQ4I DANVILLE ..... VA
KB8TGK HUNTINGTON .....88.5 WV
448.8750 / 443.8750
KD4LXT ATLANTA ..... GA
KC4KPW PINEY KNOB .....103.5 NC
KD4KPV MCKENZIE ..... TN
W4DUM WILLIS ..... VA
W8SP FAIRMONT ..... WV
448.9000 / 443.9000
K4RHJ FLOWERY BRANCH .....100.0 GA
KC4KZT DAVID .....167.9 KY
W4UA HIGH POINT ..... NC
W4GWD GREENWOOD .....107.2 SC
KD4HII CHATTANOOGA ..... TN
W4KOC WHITE HOUSE .....107.2 TN
448.9250 / 443.9250
KQ4XL MONROE .....123.0 GA
W4BAB RINGGOLD ..... GA
N4EQT LAWRENCEBURG .....107.2 KY
KE4KNZ MCEWEN ..... TN
K4DHT MOUNTAIN CITY .....103.5 TN
KF4AGO SOUTH BOSTON ..... VA
448.9500 / 443.9500
KA4UFM DECATUR .....110.9 GA

W4LJM CANE VALLEY ..... KY
N5ZDF HAZLEHURST .....100.0 MS
KD4OWV CHARLOTTE ..... NC
WA1YYN HILLSBOROUGH .....114.8 NC
WA4US WILMINGTON ..... NC
KC4FV ARNOLD A.F.B. ..... TN
KD4OBX KNOXVILLE ..... TN
N4ER MEMPHIS ..... TN
448.9750 / 443.9750
KB4NPO REX ..... GA
K4TDO HAZARD .....103.5 KY
WA4WGY MAYODAN ..... NC
N4VDE LIBERTY .....103.5 SC
WR3S LAVERGNE ..... TN
KA4WJS ROCKWOOD ..... TN
N8FIP WESTON ..... WV
449.0000 / 444.0000
WB4QDX LAWRENCEVILLE .....127.3 GA
WD4AFY #SAVANNAH ..... GA
AD4RU IRVINE ..... KY
KG5YV CLINTON .....100.0 MS
K4JEQ HICKORY ..... NC
KI4RK SELMA ..... NC
W4ULH FLORENCE ..... SC
WD4BKY GALLATIN ..... TN
KD4CWB KNOXVILLE .....100.0 TN
W4CAR CHESAPEAKE .....162.2 VA
KC8IT MULLENS ..... WV
449.0250 / 444.0250
W4CML LAWRENCEVILLE .....127.3 GA
AE4PQ WAYCROSS .....141.3 GA
KD4JFN HIGH POINT .....107.2 NC
KC4WHL HARRIMAN ..... TN
K4RDK MEMPHIS ..... TN
449.0500 / 444.0500
N4NEQ ATLANTA/MARIETTA .....151.4 GA
KE4NLL SALYERSVILLE .....127.3 KY
KB4PTJ WILLIAMSBURG .....100.0 KY
N4PYI NASHVILLE .....107.2 TN
WB3T FANCY GAP .....103.5 VA
KB4OLM STUARTS DRAFT ..... VA
449.0750 / 444.0750
W4FWD CARROLLTON .....131.8 GA
KB8SBN INDEPENDENCE .....110.9 KY
KD4BOH ROCKPORT .....77.0 KY
K4CCR ANDSN MT/DENVER .....88.5 NC
KG4JJB LEWISBURG .....107.2 TN
KC4PDQ MARYVILLE .....100.0 TN
KF4ATY MEMPHIS .....107.2 TN
KD4TBC GRETNA/SMITH MT .....123.0 VA
K8OJC HURRICANE ..... WV
449.1000 / 444.1000
WR4CW ALTNATA/GLENRI .....100.0 GA
W4WSM BOWLING GREEN ..... KY
N4UL LOUISVILLE .....173.8 KY
KB5BRZ MERIDIAN .....131.8 MS
WR4AGC DURHAM ..... NC
KC4AC LANCASTER ..... SC
W4AM CHATTANOOGA ..... TN
KE4FH JOHNSON CITY ..... TN
KA4JXT MEMPHIS ..... TN
KE4CKJ STAUNTON/EL KNOB .....131.8 VA
KB4ZIN WILLIAMSBURG ..... VA
N8ILO PARKERSBURG (OH) ..... WV
449.1250 / 444.1250
KE4PVE PENDERGRASS .....100.0 GA
KB8QLC LEXINGTON .....88.5 KY
WB4GUG MCLEANSVILLE ..... NC
KC4ECD LAFAYETTE .....107.2 TN
KA4JXT MEMPHIS ..... TN
N8UVE BECKLEY ..... WV
N8RCG GEYSER .....103.5 WV
449.1500 / 444.1500
W4PME ATLANTA/BELL .....100.0 GA
WB4IVB MIDDLESBORO .....100.0 KY
WD5BJT CLERMONT HARBR .....77.0 MS
WB5YCR NEW ALBANY ..... MS
K4JDR CLAYTON .....100.0 NC
AG4EI GASTONIA/CRWDR ..... NC
W4GL SUMTER .....123.0 SC
KE4LQY CHATTANOOGA ..... TN
AF4TZ NASHVILLE .....107.2 TN
KI4ZR LEXNGTN/ROCK MT..... VA
KA1OKQ PEMBROKE, NH ..... ZZ
449.1750 / 444.1750
KE4PVE COVINGTON .....100.0 GA
KC4COV FLORENCE .....131.8 KY
W4FBC LILLINGTON .....118.8 NC
W2GLJ GERMANTOWN ..... TN
KC4NNN KNOXVILLE ..... TN
K4NRW BLACKSBURG .....103.5 VA
N8FMD CLARKSBURG .....103.5 WV
449.2000 / 444.2000
WA4DB #GAINESVILLE .....107.2 GA
KR4PF MARION .....100.0 KY
KD4RTR PIKEVILLE ..... KY
WB4YNF AHOSKIE ..... NC
KE4QEA #KING/SAURATOWN .....100.0 NC
WA4US WILMINGTON ..... NC
KF4GHC COLUMBIA .....156.7 SC
KD4HII CHATTANOOGA ..... TN
N4ARK NASHVILLE ..... TN
WB4VWR ENON ..... VA
N8ZVK FLATWOODS ..... WV
449.2250 / 444.2250
KE4SJO WOODSTOCK ..... GA
KF4RBD RINEYVILLE .....151.4 KY
K4GWH GREENSBORO .....146.2 NC
N4ARK NASHVILLE .....114.8 TN
WV8AR CHARLESTON .....123.0 WV
449.2500 / 444.2500

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W4BOC DECATUR ..... GA
KF4DC GLASGOW/CVCTV ..... KY
WA4KNI HENDSVL/BERWLW ..... NC
N4EWS LOUISBURG .....88.5 NC
K4SER WILLIAMSTON .....131.8 NC
WA4PAJ BARTLETT ..... TN
WQ4E GREENBRIER ..... TN
WA4TFZ CHARLOTTESVILLE .....151.4 VA
WG4R MEADOWS OF DAN .....103.5 VA
N8ZAR BUCKHANNON ..... WV

449.2750 / 444.2750
K4JLG CORNELIA .....100.0 GA
KE4BB CULLODEN .....123.0 GA
KF4IFC CORBIN .....79.7 KY
KU4MJ DAWSON SPRINGS ..... KY
W4NC WINSTON-SALEM ..... NC
W4GZX CLEVELAND ..... TN
WA4AXH LEBANON ..... TN
W4RDF ENON .....114.8 VA
KC8CSE DUNMORE .....123.0 WV

449.3000 / 444.3000
KC4GZX #ATHENS/CRAWFORD....127.3 GA
KC4YNY HOGANSVILLE ..... GA
KD4RTR ELKHORN CITY .....167.9 KY
KG4JNM LOUISVILLE .....156.7 KY
N4DRL BYHALIA ..... MS
KC5RC HEIDELBERG .....100.0 MS
WA4VTX ELIZABETH CITY .....131.8 NC
N4MNH CHARLESTON ..... SC
WB4GBI KNOXVILLE ..... TN
WA4BZU NASHVILLE .....107.2 TN
K4BW ACCOMACK .....156.7 VA
KI4ZR LEXINGTON ..... VA

449.3250 / 444.3250
KF4BMG MARIETTA .....79.7 GA
W4NYR SHELBY ..... NC
WA4BZU CLARKSVILLE .....107.2 TN
KB4KSL KNOXVILLE ..... TN
WB3T ROANOKE .....103.5 VA
KA8ZXP GLENVILLE ..... WV

449.3500 / 444.3500
KE4PVE NEWNAN .....100.0 GA
WR4SG VALDOSTA .....141.3 GA
K4CO WALTON .....123.0 KY
WB4IKY GIBSONVILLE .....107.2 NC
KR4LO GRANTSBORO ..... NC
WD4BKY GALLATIN .....114.8 TN
KD4CLA PIGEON FORGE .....156.7 TN
N4CH BEDFORD ..... VA
WB8YST CHARLESTON .....107.2 WV

449.3750 / 444.3750
KB4IZF JASPER .....103.5 GA
KD4DAR PIKEVILLE ..... KY
KB5HAV PEARL .....88.5 MS
N4DTR FRANKLIN .....131.8 NC
KB4WGA HENDERSON .....100.0 NC
KB4YTM HUNTINGDON ..... TN
KR4BT SPARTA .....123.0 TN
N4OWU FANCY GAP .....107.2 VA

449.4000 / 444.4000
WB4ULJ HAMILTON ..... GA
WB4HJG LULA .....71.9 GA
KD4YGK SHEPHERDSVILLE .....203.5 KY
KC4COV WILDER .....131.8 KY
WB4YZF FAYETTEVILLE .....100HZ NC
WA4KOG MEMPHIS ..... TN
N4PYI MT JULIET ..... TN
K4EAJ OAK RIDGE .....82.5 TN
N8LVE ALDERSON/SAM BLK.....100.0 WV
N8HON MADISON, VA ..... ZZ

449.4250 / 444.4250
K4PE HELEN .....127.3 GA
KC4COV DRY RIDGE .....118.8 KY
KF4QZN MORGANTOWN .....179.9 KY
N4HAJ KINSTON .....88.5 NC
NC4UC MONROE .....94.8 NC
KC4NNN KNOXVILLE ..... TN
WA4ISI ALTAVISTA .....100.0 VA
KB8TJH SHIRLEY ..... WV

449.4500 / 444.4500
W4DOC ATLANTA .....146.2 GA
KO4OT SIMPSONVILLE .....100.0 KY
KD5AHI ABERDEEN ..... MS
KB5LCL JACKSON .....141.3 MS
W4CQ CHARLOTTE ..... NC
WR4AGC HILLSBOROUGH .....100.0 NC
N4DTR WAYNESVILLE ..... NC
WA4US WILMINGTON ..... NC
W4CAT GALLATIN .....107.2 TN
WJ9J SODDY DAISY ..... TN
W8MOP BLUEFIELD ..... VA

449.4750 / 444.4750
KD4GEY FOLKSTON ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
KF4QZN MAMMOTH CAVE .....179.9 KY
AD4BI PIKEVILLE ..... KY
KG4BTN GREENSBORO .....107.2 NC
N4ZKR SUMMITVILLE .....107.2 TN
AD4ZK NORFOLK .....127.3 VA

449.5000 / 444.5000
W4MM ALBANY ..... GA
KD4GPI ATLANTA .....110.9 GA
N4BZJ DALTON .....118.8 GA
KD4GMH MANCHESTER .....103.5 KY
W5LRG MERIDIAN .....107.2 MS
WD4ICX LEXINGTON ..... NC
N4JEH TARBORO .....100.0 NC
K4NOC BISHOPVILLE .....123.0 SC
K4JP BRSTL/HOLSTN MT ..... TN
N4WAH MEMPHIS ..... TN

K4CQ LYNCHBRG/TOB MT .....136.5 VA

449.5250 / 444.5250
W4GR SNELLVILLE .....82.5 GA
KJ4VF GRETHEL ..... KY
N5NNI NEW HEBRON ..... MS
W4RNC RALEIGH .....88.5 NC
WA4ZRS WAXHAW .....94.8 NC
N4LV MYB BCH/BRKSVIL ..... SC
KD4IBW KNOXVILLE .....100.0 TN
WA4BGK NASHVILLE .....107.2 TN

449.5500 / 444.5500
WB4JEH CONYERS .....151.4 GA
K4DC LEWISPORT ..... KY
KC4DUU LEXINGTON ..... KY
N4GAS GASTONIA/SPCR MT ..... NC
KA4BQM ROANOKE RAPIDS .....192.8 NC
KG4BZN WALTERBORO .....123.0 SC
NQ4Y COOKEVILLE .....107.2 TN
WF4Q MCNAIRY .....107.2 TN
WA4PCD NASHVILLE ..... TN
KB4WTP COPPER RIDGE .....103.5 VA
W4QR HAMPTON .....167.9 VA
K4CQ WINTERGREEN .....136.5 VA

449.5750 / 444.5750
WA4SCR DOUGLASVILLE .....88.5 GA
N4MVY PHELPS ..... NC
KC5CLM PORT GIBSON .....141.3 MS
KC4FWC #BOONE/RICH MT .....77.0 NC
N4HAJ KINSTON .....88.5 NC
K2PJ MYRTLE BEACH .....85.4 SC
W4BBB KNOXVILLE/RACK .....100.0 TN
WA4WCK NASHVILLE ..... TN

449.6000 / 444.6000
W4PSZ FAYETTEVILLE .....77.0 GA
WA4NKL QUITMAN .....127.3 GA
KF4WMM BUSHY FORK .....88.5 KY
N4NMC LOUISVILLE .....151.4 KY
KC4FIE MADISONVILLE ..... KY
WA4SJH SPRINGFIELD ..... KY
KB5CO JACKSON .....100.0 MS
W4BFB CHARLOTTE .....100.0 NC
KC4WXA OXFORD ..... NC
KT4YW NO. CHARLESTON ..... SC
WS4S COOKEVILLE .....107.2 TN
WB4HAP KNOX/ENGLSH MT ..... TN
WA4AUX PROSPECT .....118.8 TN
KA8TCF WESTON ..... WV

449.6250 / 444.6250
K4EDN BONAIRE .....82.5 GA
W4CBA CUMMING .....123.0 GA
KC5BMJ KINGSLAND .....118.8 GA
W1BPP MOULTRIE .....123.0 GA
KB4QFL HAWESVILLE ..... KY
KE4ISW RICHMOND .....192.8 KY
AB5MU NETTLETON .....192.8 MS
N5OCF RICHTON ..... MS
WB4DVN LUMBERTON ..... NC
WD4EOG CLEMSON UNIV. .....156.7 SC
WT4E COLLIERVILLE .....107.2 TN
KD4TJD JEFFSON CITY ..... TN
WA4TOA NASHVILLE .....107.2 TN
WZ8E BLUEFIELD ..... VA
KF4LWH SOUTH BOSTON ..... VA

449.6500 / 444.6500
K4YC IVEY ..... GA
N4IBW SMYRNA ..... GA
WB4FUR STENNIS SPC CEN ..... MS
N5NBG WALLS ..... MS
NE4J MIDDLESEX .....179.9 NC
KJ4HF SALISBURY .....88.5 NC
WA4US WILMINGTON ..... SC
NA4UHF LAKE MURRAY ..... SC
WB4NKM GREENEVILLE .....100.0 TN
W4CAT SHRT MT/MURFREB .....107.2 TN
N4EHJ RICHMND/CHLTVL ..... VA

449.6750 / 444.6750
KC4CBQ HIAWASSEE .....186.2 GA
N4YTR PEACHTREE CITY .....77.0 GA
KC4VYX ROBINSON CREEK ..... KY
KF4AWA SALVISA .....203.5 KY
N5PS GREENVILLE ..... MS
W4WBT CHARLOTTE ..... NC
KE4JDP #JACKSONVILLE .....88.5 SC
W4CS MYR BCH/CONWAY .....85.4 SC
WA4PCD NASHVILLE ..... TN
WD4MIZ NORFOLK .....107.2 VA
AB8WB GASSAWAY .....123.0 WV

449.7000 / 444.7000
WB4SBT BYRON .....103.5 GA
WD4LUQ DALLAS .....77.0 GA
KF4BJM VALDOSTA .....141.3 GA
N5KOL BOWLING GREEN .....136.5 KY
NC5Y JACKSON ..... MS
KD4BGD LUMBERTON .....114.8 NC
N4JEH ROCKY MOUNT .....107.2 NC
AE4GA STATESVILLE .....94.8 NC
K4AU DANVILE/WHT OAK ..... VA
N4WWB GATE CITY ..... VA
WB8CQV HERNSHAW .....203.5 WV
K8LG MORGANTOWN ..... WV

449.7250 / 444.7250
KS4QM SUMMERVILLE .....123.0 GA
KD4AOZ WATKINSVILLE .....123.0 GA
KY4K HENDERSON .....203.5 KY
KE4ISR LEXINGTON ..... KY
W4ZCD HICKORY FLAT .....179.9 MS
KC4FWC BLADENBORO .....77.0 NC
KG4IWI ROCKY MOUNT ..... NC
KD4MMP WINSTON-SALEM .....107.2 NC
KC4KPJ ROCK HILL .....127.3 SC

WA4AKM FRANKLIN .....107.2 TN
WB0TMC JACKSON .....107.2 TN
N4CKB SEVIERVILLE .....123.0 TN
KF8FO LEWISBURG .....103.5 WV

449.7500 / 444.7500
KC4ELV CONYERS .....162.2 GA
N4ZRF LAKEMONT ..... GA
KC8ERN #ASHLAND .....88.5 KY
KE4AIF HOPKINSVILLE .....103.5 KY
WB9SHH MONTICELLO ..... KY
KD5GVU STARKVILLE ..... MS
KC4YOT GASTONIA/CRWDR ..... NC
KD4JFN PITTSBORO .....146.2 NC
K4TC HENDERSON ..... TN
KF4VWJ HIXSON .....100.0 TN
N4PYI MT JULIET .....156.7 TN
WD4KQI FOREST ..... VA

449.7750 / 444.7750
N4NEQ ATLANTA/MARIETTA .....151.4 GA
N4MXC COCHRAN ..... GA
N4IWZ ALLEN .....123.0 KY
KC4UPE NICHOLASVILLE .....167.9 KY
K4JDR CARY .....100.0 NC
KR4EX OLD FORT ..... NC
WA4AKM GALLATIN .....107.2 TN
KF4UCI #CHARLOTTEVILLE ..... VA
WD4KZK SLINGS GAP .....107.2 VA

449.8000 / 444.8000
WA4ASI COVINGTON .....88.5 GA
W4BEJ ELIZABETHTOWN ..... KY
KB5CO JACKSON ..... MS
WB4PMQ GREENVILLE .....131.8 NC
KF4LUC HICKORY .....94.8 NC
K4YEC REIDSVILLE .....107.2 NC
KD4QMS SOUTHERN PINES .....118.8 NC
K0JXI MEMPHIS ..... TN
KD4LP MORRISTOWN ..... TN
N4PYI NASHVILLE .....110.9 TN
KB4MIC OILVILLE ..... VA
WV8B BECKLEY/OAK HILL .....100.0 WV
W8CUL MORGANTOWN ..... WV

449.8250 / 444.8250
W4DOC ATLANTA .....146.2 GA
KC4UPE BEATTYVILLE .....192.8 KY
KC4VXR SALEM .....100.0 KY
KB5DSN AMORY ..... MS
KF4UY MT AIRY/FSH PK .....100.0 NC
K4GWH RALEIGH .....146.2 NC
KE4FGW MARYVILLE .....100.0 TN
K5FE MEMPHIS .....107.2 TN
N4PYI SMITHVILLE .....107.2 TN
WA4ZBP STAUNTON .....131.8 VA

449.8500 / 444.8500
N4BZJ DALTON ..... GA
N4YXL GREENSBORO .....103.5 GA
KF4UM HINESVILLE ..... GA
KF4QZN HORSECAVE .....179.9 KY
AA4NI NEBO ..... KY
AB5DU ANDIANOLA .....136.5 MS
KC5LXF PINOLA ..... MS
W4CQ CHARLOTTE ..... NC
WN4Z ROCKY MOUNT .....131.8 NC
K4GMP WILMINGTON .....88.5 NC
WB4NNX HOHENWALD .....100.0 TN
WD4MWQ MCMINNVILLE ..... TN
K7AG MEMPHIS .....107.2 TN
KF4VDF POUND .....103.5 VA
AB4SF RICHMOND ..... VA
WD4KZK ROANOKE/READ MT .....107.2 VA
WB8ZER HUNTINGTON/CHAS .....131.8 WV

449.8750 / 444.8750
KE4JAS MCDONOUGH .....123.0 GA
KE4RJI TIFTON ..... GA
KC4UPE SALVISA .....167.9 KY
N5HTQ MCCOMB .....100.0 MS
KD4RAA RALEIGH .....100.0 NC
WB4U WINGATE .....127.3 NC
KD4UWA CHAT/MNTLAKE MT .....156.7 TN
WA4AKM NASHVILLE .....107.2 TN
KB4WTP BIG A MTN ..... VA
K4VP WEST MOBILE, AL ..... ZZ

449.9000 / 444.9000
KD4BOO AUGUSTA ..... GA
N4KHQ DAHLONEGA ..... GA
WB4IVB CORBIN .....100.0 KY
W4YWH HIGHLAND HEIGHTS .....123.0 KY
KY4SP HUDSON .....179.9 KY
W4EWN NEW BERN .....100.0 NC
W4EJ WILSON .....179.9 NC
WB4MMI RAMER ..... TN
W4LYR WATERTOWN .....100.0 TN
WA4CQK FANCY GAP .....100.0 VA
N8SCS BUCHANON .....141.3 WV
AE4OOX LOGAN .....107.2 WV

449.9250 / 444.9250
WA4NNO ATLANTA ..... GA
WB4NFG IRWINTON .....77.0 GA
N4PJR JESUP ..... GA
KY4X GLASGOW ..... KY
KO4LI OLIVE HILL ..... KY
N5PYQ SOUTHAVEN .....107.2 MS
WB5TTE VICKSBURG ..... MS
KB4WGA DURHAM .....100.0 NC
K4OBX HATTERAS ISLAND .....131.8 NC
N4XRY MOUNT AIRY ..... NC
N4NTO TARBORO .....118.8 NC
AC4RZ EASLEY/SAS MTN .....103.5 SC
N5NAY GEORGETOWN ..... SC
WA4AKM COLUMBIA .....107.2 TN
N4VIH DOVER ..... TN

KD4TZD KNOXVILLE ..... TN
KD4FWS FANCY GAP .....100.0 VA
WB8BON ROANOKE/TINKER M..... VA

449.9500 / 444.9500
W4TL CLERMONT .....131.8 GA
WR4MG PERRY ..... GA
N4DUE LEXINGTON ..... KY
WB5YGI PHILADELPHIA ..... MS
N5VGK TUPELO .....192.8 MS
WA1WXL DALLAS/CHLT .....136.5 NC
KF4HFQ ROLESVILLE .....88.5 NC
KD4PBC CHARLESTON .....103.5 SC
KF4GP CLARKSVILLE .....167.9 TN
W4EYJ CROSSVILLE .....118.8 TN
K4GX GREENEVILLE ..... TN
WB4NNE MEMPHIS ..... TN
WA4KXV VIRGINIA BEACH ..... VA
WB8CQV SO. CHARLESTON .....203.5 WV

449.9750 / 444.9750
WA4YNZ ATLANTA ..... GA
K4TVE BRUNSWICK ..... GA
W3LAP COCHRAN .....77.0 GA
WA4YNZ #CUMMING ..... GA
KC4QK ASHLAND .....107.2 KY
WB4CWF NICHOLASVILLE ..... KY
N5PS O'REILLY .....100.0 MS
KE4QAP ASHEBORO ..... NC
N4JEH CASTALIA .....107.2 NC
W4YMI NEWPORT CCARS ..... NC
KC4ZTJ POLKVILLE ..... NC
WM3O ORANGEBURG ..... SC
KQ4E MORRISTOWN ..... TN
WA4AKM NASHVILLE .....107.2 TN
N4AZJ PEARISBURG .....103.5 VA
NB6KT WHEELING ..... WV

443.7750 / 448.7750
W4RKC WINCHESTER .....146.2 VA
KA1OKQ CONCORD, NH .....82.5 ZZ

439.2500 / 911.2500
KA5NOJ GAUTIER ..... MS

426.2500 / 923.2500
K4CQ LYNCHBURG ..... VA

439.2500 / 923.2500
KY4ATV #LEXINGTON ..... KY

920 MHZ

907.5000 / 919.5000
WD4KZK ROANOKE/POOR MT .....107.2 VA

908.5000 / 920.5000
KF4TNP LEWISBURG ..... TN

908.8000 / 920.8000
KQ4E MORRISTOWN ..... TN

909.0000 / 921.0000
K4CQ LYNCHBRG/TOB MT .....100.0 VA

909.1000 / 921.1000
WA1ZMS BEDFRD/APL ORCH .....100.0 VA

910.2500 / 923.0000
WA4VHP #CUMMING ..... GA
K4ZGA NASHVILLE ..... TN

902.5000 / 927.5000
KG4LMT ATLANTA .....223.0 GA

902.6625 / 927.6625
N2QJI CONCORD .....141.3 NC
W4FAL RALEIGH .....156.7 NC
N4DTR WAYNESVILLE .....131.8 NC

902.6875 / 927.6875
N8EKA LAWRENCEVILLE .....141.3 GA

902.7250 / 927.7250
KA4KMG LEXINGTON .....DCS75 KY

1270 MHZ

1265.0000 / 421.2500
N4BZJ DALTON ATV ..... GA

1253.0000 / 427.2500
N4NEQ ATLANTA/MARIETTA ..... GA

1277.2500 / 439.2500
KD4EEW NASHVILLE ..... TN

1260.0000 /1240.0000
W3PS CHESTER, PA ..... ZZ

1277.2500 /1253.2500
W4PPN #CHARLOTTE ..... NC

1270.5250 /1282.5250
N2QJI CONCORD .....141.3 NC

1271.1000 /1283.1000
WA1ZMS BEDFRD/APL ORCH .....100.0 VA

1272.4000 /1284.4000
WA4AKM NASHVILLE ..... TN

1273.3000 /1285.3000
KF4TNP LEWISBURG ..... TN

1274.5000 /1286.5000
WA4AKM SMITHVILLE ..... TN

1271.0200 /1291.0200
N4CH ROANOKE/POOR MT ..... VA

1271.4100 /1291.4100
AD4DN WILMINGTON .....88.5 NC

1272.0000 /1292.0000
KB4KIN ATLANTA/BELL ..... GA
N4HKS MEMPHIS ..... TN

1272.8200 /1292.8200
AG4EI GASTONIA/CRWDR ..... NC

2.4GHz

2441.6000 /2411.6000
WA1ZMS BEDFRD/APL ORCH ..... VA

To Have corrections or changes made - Contact your Coordinator.

North Carolina

REPORTED BY
MIKE LEWIS WA4KE
3401 APPLE MEADOW DR.
FUQUAY-VARINA, NC 27526
WA4KE@SERA.ORG

Tri-County ARC NC4AR President, Harry WW4HF, reminded every one to keep Oct. 12 open for the NASCAR Days special event in Randleman, NC. Also, a report was given on the Red Cross Bike-a-thon. Over 200 bicyclists participated in this 4th Annual event. Tri-County provided communications for the SAG wagons & the rest stops. Special thanks to KF4QDS, KF4QDR, WW4HF, KU4KA, KG4IXP, AA4O, KB4RNE, KE4MOY, K4LOV, WI4LD, WA4BPL, KC4RB, KF4NI, and KF4NEF.

Mike Lamb NC4ML passed away Sunday, May 26 at age 48 from complications from surgery. Mike was a relatively new Ham, and at the same time, a seasoned veteran. He immersed himself in Amateur radio public service and was a major force in the National Traffic System, local clubs, as well as ARES and Skywarn.

Cape Fear ARS members Kelly N4EWG and Van N4ERM presented the evening's program on their *El Cheapo Amp*. For 15 minutes the membership was educated and entertained with Kelly and Van's money saving tips in building a simple two meter "el cheapo" amp, that really works.

Greensboro Amateur Society President Shultz reported that he recently had telephone contact with Andy Hitchcock of WFMY-TV. Mr. Hitchcock has talked with Danny Hampton regarding the status of the repeater on the TV tower.

The good news is that the club is in good standing with WFMY. But after 7 years of flawless operation, the 145.25 W4GG repeater went inoperable on August 1. G.A.S. President John Shultz, K4JBS, called Danny Hampton, K4ITL. Danny and two men came to Greensboro and repaired the repeater.

With Danny's guidance on the ground, the two men fixed a connector, replaced the exciter, raised the power output to 40 watts and resolved various other issues with the repeater and antenna. President John Shultz and the club would like to say a big "thank you" for the swift and skillful response in repairing the repeater.

145.25 is the Piedmont Coastal Repeater Network node in Greensboro, with access to the network of repeaters throughout the state. Give 145.25 another try. It is sounding better than ever, with greater coverage in the Piedmont Area. Remember to use an 88.5 Hz tone to access the repeater.

The **Mecklenburg Amateur Radio Society** assisted with the MS 150 *Break Away to the Beach* that was held the weekend of September 28-29. This event takes a lot of support and volunteers assisted with SAG wagons, rest stops and situation teams.

John Covington W4CC addressed a MARS meeting and discussed some of the challenges facing amateur radio in the years ahead, and what the ARRL is doing to make sure amateur radio remains an enjoyable activity for years to come. John is the ARRL North Carolina Section Manager and a past president of the club.

As you talk on your HT or mobile, **think about the price of a repeater** and its support equipment. The repeater trustees pay for this equipment out of their own pockets and receive a few small donations throughout the repeater's lifetime.

Here's a preliminary cost list for a new repeater:

Main Controller Board:	**$599.95**
Option Board:	**$199.95**
Digital Delay:	**$ 50.00**
Rack Mount Option:	**$ 75.00**
Power Supply:	**$429.10**
Intermod Filter Panel:	**$850.00**
Antenna:	**$782.00**
CTCSS Module:	**$ 91.80**
RF Enclosure:	**$ 31.00**
Lighting Protection:	**$335.85**
Preliminary total:	**$3454.65**

Would you like a transceiver to go with your order? That's extra. If these prices seem high, just remember that a 40-foot extension ladder can't be used for maintenance purposes, so please remember a little extra folding money for liability insurance, tower rent and professional tower climbers.

The Greenville Daily Reflector reported the **Pitt County Chapter of the American Red Cross** has established the **Tom Parsons Instructor Training Award**, which is given to the volunteer instructor demonstrating leadership and guidance to instructors and instructor trainers in the Health Safety and Community Services Program. Tom W4TEP is not only an ARC instructor, but during emergencies he covers the ARC location.

Members of the **Tar River ARC** and the **Castalia Island DX Association** operated the 2002 International Lighthouse weekend on August 16, 17, and 18 from the Currituck Beach Lighthouse in Corolla, NC. The base of operations was at the Piney Island Hunt Club in Coinjock, NC. Band conditions were not the greatest, but the fun conditions were S9 plus 20 dB!! Everyone had a great time. The total QSO count was 160 contacts. Thanks to Fred K4FMD for hosting everyone.

The **Azalea Coast Amateur Radio Club** operated from the Light House at Oak Island during the 2002 International Lighthouse weekend. The radio club has operated from Oak Island for the past three years. Every year the station personnel have been more than helpful in meeting our needs. The club would personally like to commend BM1 Bruce Swain for his help. His positive attitude and his friendliness is a credit to the US Coast Guard.

At the **Raleigh Amateur Radio Society**, John Guerriero KG4HDT spoke about the NC State Fair in October. Amateur Radio operators will be used for Red Cross communications. Also, Jeff Wittich AC4ZO reported that the club has developed a new and improved traffic-training program. Anyone interested can check it out on the nightly RARS 2-meter net.

The **Orange County Radio Club** would like to thank Steve KZ1X and Dee KU4GC for placing the 53.45 MHz repeater back on the air with a new Kreco antenna. The machine was shut off to prevent possible damage to the PA deck due to deterioration of an insulator on the temporary antenna that was being used. Also thanks to Danny, K4ITL and Pete WA1YYN for providing low level signal input for desense checks with the new antenna.

New Bern ARC sponsored a Hurricane Expo on June 29. With Eve Chamberlain's photo gallery, the pamphlets from ARRL, and the equipment on display, they had a nice exhibit. Quite a few people dropped by to talk about ham radio - some who might be interested, and several hams new to the area that might get involved. Thanks to locals Charlie K4VC, Pete KA4SXX, Dave KB4EBT, Bill KG4IUA, and to Eric KF4OTN who came down from Greenville for the day.

Bruce Arnold N8UTY, Craven County EC, reminded the hams of the annual running of the Eastern NC MS 150 Bike Tour, centered in New Bern. Volunteers were needed for the net controls, shadows, SAG operators, rest stop operators, etc. The event was a great success with lots of help from both the coast and Raleigh areas.

Tom Brown N4TAB, ARES EC Wake County, announced that due to the reduced performance of the PCRN 145.390 repeater at Lake Wheeler, Wake ARES will also use the 147.195 (+) (156.7 CTCSS) in Auburn as a secondary 2 meter FM repeater for ARES activations and drills. Ken Walker KO4CW has granted permission to use this repeater for ARES operations. Please make a note of this frequency and program it into your radios.

Meanwhile, the **Raleigh Amateur Radio Society** and the **Cary Amateur Radio Club** joined forces to sponsor a membership/fund drive for PCRN. The immediate goal was to raise enough money a tower climb to repair the 145.39 repeater.

That repeater is the primary Wake County ARES repeater. It provides the widest coverage in the county due to an extremely sensitive receiver and tower mounted preamp. The pre-amp failed, and the estimate for a tower climb (1000 feet) and repair is about $900.

The fund drive succeeded in raising over $1000, thanks to contributions from members and the RARS club.

Congratulations to **Mike Doligalski K4ZMY**, who obtained the rank of Eagle Scout. His project involved building and installing antennas for emergency amateur radio communications. Only 1.2 million boys have reached Eagle in over 80 years (15,000 a year, roughly). Only 2 in 100 that joins Scouts make Eagle.

Members of the **Smith Chart Amateur Radio Society** K4OO provided assistance to the Knightdale Volunteer Fire Department's *Firemen's Appreciation Day* on September 11, 2002. More than 1000 people from the eastern Wake County Area attended the event. The amateur radio operators provided parking services and set up a station that was used to check into the North Carolina Evening Net on 3923 kHz, and later that evening into the Piedmont Coastal Traffic Net on 146.88 MHz. Traffic was passed on both nets.

Also present at the event were Linda Coleman, Wake County Commissioner and Sam Ellis, North Carolina House of Representatives. A special thanks to Bill Edwards K4BWC for his assistance with the HF station setup and to Bob Lukaszewski K4HA for running the station during the North Carolina Evening Net. (Those that haven't run a net with a thousand people watching you should try it sometime!)

The Foothills Amateur Radio Club and the **Alexander County ARES** group provided support to the Wilkes County Triathlon. The agencies receiving communications support included the Wilkes County YMCA, US Army Corps of Engineers, NC Highway Patrol and the Wilkes County Rescue Squad. The Wilkes County EMS crew stated that they were very impressed at the communications coverage.

The city of Shelby would like to thank the **Shelby Hamfest** for supplying the rain during the Labor Day weekend. The city of Shelby has been in a four-year drought and the rain, which is a hamfest tradition, provided some relief. **SERA** signed up 25 renewing associated membership years and 17 new associate membership years for a grand today of 42 membership years. Thanks to W4FAL, K4HA and K4NYS for manning of the SERA booth.

Club trustees and newsletter editor, please contact **John Covington W4CC** at w4cc@arrl.net, to update the **NC ARRL Website**.

The information posted in the *Journal* is typically obtained from the clubs' website and newsletters. Please continue to send the news to wa4ke@sera.org. ■

South Carolina

REPORTED BY
ROGER GREGORY W4RWG
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W4RWG@SERA.ORG

Hello South Carolina,

We sure have had a hot, dry summer in Union. I am looking forward to cooler weather, lower utility bills, and the **Union hamfest** on December 7.

A few weeks ago I attended the **Shelby, NC hamfest**. Although it officially opened on Saturday and Sunday, I took some time off from work and spent most of the day there Thursday and Friday. Bill and Net Hembree W4DBH and KF4YQT brought their motor home to Shelby from Cross Anchor, S.C. This turned out to be the gathering place for the Union Club members. Art KE4EAN did the cooking, Net set the table, and we did the eating. I enjoyed the food and fellowship most of all.

I saw **North Carolina Vice Director Frank Lynch W4FAL** and **Asst. Director Bob Lukaszewski K4HA** at the SERA booth selling memberships. I also had the opportunity to talk to **Bill Jones N4NMH** former SERA South Carolina Director from Charleston. He is doing fine and staying busy. Thanks to **Gerald Emory WG4E**, I was able to stay dry. He brought me a tent. The Shelby hamfest is either very hot or rainy. This year we had rain.

Now let's see what is going on in South Carolina.

The **Blue Ridge Amateur Radio Society** welcomes new members Jerry Watson W4DGP, Tory Almond KF4MSJ, James Bowen KG4RAC, Chris Bowen KG4RAB, Carolyn Watson KC4ZPX, Muke Granger KG4RXV, and Larry Speaks KG4TBX. The BRARS is growing. Good job Philip!

The BRARS is in the process of installing an IRLP node to their 146.82 repeater on Parris Mountain. Instructions for using this node will be placed on their website. The address is www.brars.org.

The BRARS mourns the passing of club member Al Lemmons WA4LUQ and also the passing of Charles Stradley N4AAA's wife. I extend my sympathy to both of these families.

I see by reading the newsletter that my friend John Chism ND4N is a new member of the Board of Directors. John does a great job heading up the **WCARS** in South Carolina.

The BRARS holds a net every night on the 146.61 repeater. I noticed in August they had a total of 2024 check-ins in 31 sessions. That's an average of 65 check-ins each night! Can anyone top that? The BRARS assisted the American Red Cross with their Poker Run fundraiser on September 22. Everyone that helped received a nice T-Shirt and delicious barbecue dinner.

The Chester Amateur Radio Emergency Services Club announces that Club President Joel Shockley K4TDG has officially retired. Ellis, as I know him, ran a TV repair business on Main Street in Chester for years. Now he will have more time for amateur radio. Congratulations Ellis, I hope you enjoy your time off. Send me your news.

The Columbia Amateur Radio Club is making plans to have Morse code instruction at the home of Brian Fletcher K6NWS in the coming months. He has also agreed to take on the responsibility of Repeater Team Leader. The CARC has started a Repeater Monitoring Team, which they hope will eventually provide CARC members listening to the system so no call of a ham passing through their area will go unanswered.

Their September meeting was dedicated to those who lost their lives 9-11-2001 and those who helped save so many others. They heard presentations about the Ham Radio response, the technical details of New York City and Washington D.C., emergency communications systems, and cellular phone use aboard commercial aircraft.

The Florence Amateur Radio Club supports three repeaters 146.85, 146.97, and 444.0 all located in Florence. The club holds their meetings the first Tuesday of each month at the Western Sizzlin Steak House at 7:00 pm. They hold a net on Wednesday at 8:30 pm on the 146.85 repeater. Check in with them.

The FARC sent a memorial gift to the Scotland County NC Hospice program in memory of Doug Sanders K4QO. When Doug lived in Florence he was responsible for the major part of packet radio in North and South Carolina. He also had great interest in helping/promoting the testing of people interested in getting their first amateur license and upgrading. He will surely be missed.

The Foothills Amateur Radio Club is in the process of becoming an ARRL affiliated club. The application has been mailed to ARRL headquarters and they are waiting on approval. To be ARRL affiliated, 51% of club members must belong to the ARRL. The FARC is also considering becoming involved with the Pickens County Chapter of the American Red Cross.

The FARC congratulates Christopher Balding KG4UOY and Debbie Hoyt KG4UPA for passing their Technician test. They also welcome new member Lowell Smith KK5JZ. The club holds its monthly

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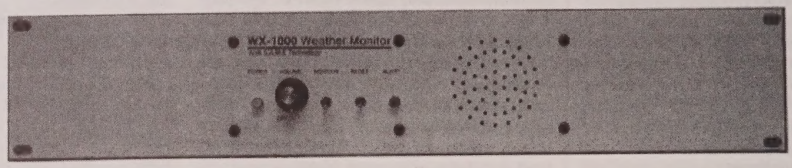
The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. With so many unsettling weather conditions, don't you think its time to provide timely weather alerts for your repeater group?

Specific Area Message Decoder

A digital decoder responds to Specific Area Message Encoded (SAME) alerts transmitted by the NOAA weather station located in your area. Select your county code and the type of alert. Select warnings and or watches.



Voice Synthesizer Alert Message

Imbedded in the alert information packet is the time the warning or watch is in effect. The voice synthesizer will periodically key-up the repeater transmitter and announce the nature of the alert. "Severe Thunderstorm Watch" "Tornado Warning" "Winter Storm Warning" "Flash Flood Watch" "Hazard Material Warning" "Avalanche Watch" "Law Enforcement Warning" and "Civil Danger Watch" are just a few of the voice synthesizer announcements.

Alert Message Transmit Timing

At the conclusion of an alert, a termination packet turns the transmitter off.

Repeater Interface

The WX-1000 has been designed to easily interface to your repeater. A minimum of four connections is all that is required.

Weather Enable Input

Ground this input to provide weather reports on demand.

Weather Alert Log

The WX-1000 stores the date, time and type of alert in memory. Use the RS-232 port and the configuration program to down load the log.

Alert Start Logic Output

This output provides a TTL logic high when a weather alert is received. It can be used to set off an external alarm or trigger the controller to execute a macro or load a memory save.

Alert Stop Logic Output

Included in the digital packet is the length of the alert. The WX-1000 generates a stop logic output when the time period has expired. Use this output to reload a normal memory save.

Weather Disable Input

Ground this input to prevent future alerts once a sky warn net is activated.

Weather Data Output

The WX-1000 provides a raw data output to an alphanumeric pager or a computer based alarm system.

Ordering Information

WX-1000 *Digital Weather Receiver, With Windows Configuration Program:* ***$399.00.***

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Internet: http://www.catauto.com

meetings the fourth Saturday at 8:30 am. All of their meetings are breakfast meetings. I like that idea. Maybe more of us need to plan our meetings around a meal.

The Grand Strand Amateur Radio Club reports the death of Paul Spivey KE4OGH son of Victor Spivey KE4PAV. Both have been members of the GSARC for many years. I extend my sympathy to the club and to the family. Please send me your news.

The Keowee-Toxaway Amateur Radio Club mourns the passing of Bobby Adams WA4YIX. He was a longtime club member and Net Controller and will be missed. My sympathy goes out to his family and to the club.

The KTARC is in the process of putting up an IRLP node on their 147.27 repeater. This will link the Long Mountain Repeater with 500-600 repeaters worldwide. This sounds exciting. I need to learn more about this. Dan Schmiedt N4LYB is heading up the project. I am sure we will hear more about that next time.

The Club participated with a Countywide ARES/RACES Emergency Drill on September 17. Next year at Shelby I will be looking for Rob WD2VS and his "RadioFlyer". Rob carried all his surplus equipment to Shelby and rode it around in a red wagon with a sign around his neck listing what he had for sale. He sold it all!

The Salkehatchie Amateur Radio Society members visited the National Weather Service Office in Columbia in July. They saw a demonstration of the latest equipment and forecasting techniques. The SARS had a covered dish picnic at the Barnwell State Park on October 12.

At the October meeting of the SARS, Steve Naglic N9NWS (note the callsign) from the National Weather Service in Columbia presented an Advanced Skywarn Class. Adam Hohhman AF4QZ advises me that Linda Whetstone WA4HWM of St. Matthews passed away. She was the wife of Dick Whetstone AD4U. I extend my sympathy to Mr.Whitstone.

The Spartanburg Amateur Radio Club has three new members from the Ridencur Family: Duane KG4IGJ, Jocelyn KG4IXI, and Katelyn KG4IXH.

The 147.315 repeater is up, and according to "Fritz" W4NTO it's running just fine. The SARC wishes to thank Fritz W4NTO, Art KE4EAN, and Harold WA4GIB for their perseverance, patience, and expertise in accomplishing the task of changing frequencies on the equipment. I was happy to help them with this repeater project.

It was my pleasure to be the Guest Speaker at the October meeting of the SARC. I talked about what coordinators do with the SouthEastern Repeater Association. The Spartanburg Club provided communications at the Snow Birds air show on the 26th of Sept. The show was held at the Spartanburg Downtown Airport. The Snow Birds are the Canadian counter part of the USA Thunder Birds flying team. The Spartanburg Down Town Airport was the first commercial airport in South Carolina. It was used for flight training during the war.

The Sumter Amateur Radio Club held their annual hamfest on Saturday, October 26 at the Sumter County Fairgrounds. I always enjoy going to Sumter. Please send me your newsletters.

The Union County Amateur Radio Club will host their annual hamfest on Saturday, December 7, 2002. The location will be the same as last year, the Union County Fairgrounds located just off the Bypass in Union, S.C. For a map and driving directions to the hamfest site connect to **www.qsl.net/k4usc.**

The UCARC is in the process of undertaking another repeater project. Bill Hembree W4DBH has donated a six meter repeater, controller, antenna and duplexers to the UCARC. Pete Berry KI4PA has given us a location on his 200 foot commercial tower for the antenna. Hopefully the antenna can be installed within a few weeks. As soon as coordination is completed the repeater should be ready to go on the air. The UCARC wants to publicly thank Bill for this generous gift. Six meters should be a lot of fun when we have band openings.

It is with deep regret that I announce the passing of my friend **James J. Robb Jr. WA4KXO**, fondly known in the upstate and midlands of South Carolina as "Captain Jim" on the beautiful blue waters of Lake Murray. Jim died on Thursday, September 12, 2002, after a couple of years of declining health. He was 84 years old. Those that talked to and visited Jim on a regular basis will remember stories about his work with Delta Airlines, his elaborate model train display, his model airplanes, and his poodle pup. Before his sickness, he checked in more 2 meter nets than anyone around. Jim is survived by his wife Miss Ev (Evelyn) and one daughter, Margie Smith Dubois of

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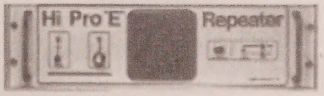

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Chapin, S.C. I will miss him.

The York County Amateur Radio Society had their annual hamfest at Knight's Stadium in RockHill on October 5th. This is the first year that I had the opportunity to have a SERA table at their hamfest. I appreciate the table space and the opportunity to represent the SouthEastern Repeater Association. This is always one of the better hamfests in our area with a lot of tailgating. The YCARS welcomes new member Hugh Darnell W4FBI. Hugh is from Shuffle Town and his wife TJ is also a ham - W4TJJ. The YCARS holds a net each night at 8:30 pm on the 147.03 repeater. They also hold an 11 am net, Monday through Friday.

New Repeater Coordinations in South Carolina since last issue of the journal are:

Tom Palmieri K2PJ	**147.240**	**Myrtle Beach**
John R. Tombaugh KI4D	**53.250**	**Rock Hill**
Eugene Hipps WA4UKX	**145.250**	**Simpsonville**

I would like to make a request to repeater owners in South Carolina that are not SERA Full Members. We would like for you to join the SouthEastern Repeater Association. Send your full membership dues today. Let's make South Carolina 100%. We need your support and with full membership, you and your designee will receive the Repeater Journal for as long as you are a full member. What a deal!

Important Notice: All repeater owners or trustees in South Carolina should have by now received a datasheet on their repeater. By now you should have returned it. This is the only way SERA can verify that your machine is still on the air. Please return it today if you have not done so. The only way frequency coordinators can do their job is to have accurate information. The data sheet is one way we obtain this information. If you have a repeater in South Carolina and did not receive a datasheet, get in touch with me and I will assist you.

Would you like to see news from your club in the journal? All you have to do is to send it to w4rwg@sera.org.

KENTUCKY

REPORTED BY
FRANK BELCHER KS4XL
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ELKHORN CITY, KY 41522
KS4XL@SERA.ORG

*The **Repeater Journal** welcomes Frank Belcher KS4XL as our new Kentucky News Correspondent! Please send him news - and pictures - about your club or repeater*

Greetings to all! Kentucky has returned to the pages of the Repeater Journal!

Not long after accepting the position of writing this column I came to the realization that I knew very little about Amateur events in other parts of the state. To be honest I haven't exactly been burning the Ham Fests up for the past few years, and Ham Radio Clubs are a rare thing here in Kentucky. This being the case I found myself asking:

"*What am I going to put in the thing!*" I posted an e-mail out on the KYHAM reflector and received only one response, but I was impressed by the group that responded and wanted to share here with you what I received.

The group is the **Hopkins County Amateur Radio Association** and the e-mail was sent by Doug Clark KC4FRA. Here is what he wrote.

"When I first got my Ham license back in the late 80's one of the first things I learned was that amateur radio is considered a service. One of the first things stated in the first paragraph of Part 97 is about providing communications in an emergency.

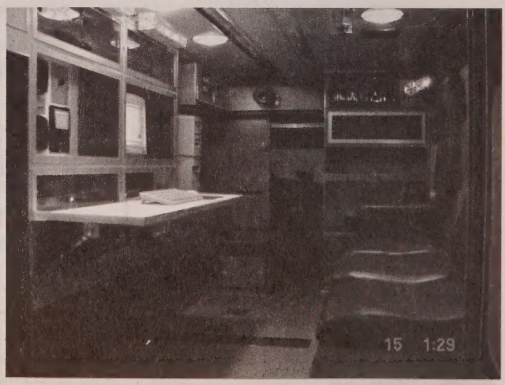
This is one of the reasons we exist as a hobby. If we don't earn our keep, the FCC will sell out frequencies to someone willing to pay for them. We here at the Hopkins County Amateur Radio Association have always tried to do our best to do just that. We have tried to work with each new Emergency Manager that comes in.

In the past we earned the right to use the EOC as our meeting place. We meet every Thursday night at 7:00 PM. Several years ago the county footed the bill for our communications room, and we have every thing we need. HF, 2m, 440, packet, computers, towers, antennas - you get the idea.

And our diligence paid off yet again. This

K4GEC helps the Big Sandy ARC provide communications for the Appalachian Bike Tour

Inside and out, the Hopkins County KY Comm Unit looks sharp!



year when the County Ambulance Service surplused one of their ambulances, the EMA director went to the County Judge Executive and got it released to us to convert to a Communications vehicle. We have received nothing but praise for our new Comm Unit.

There is no group or agency in Hopkins County that doesn't know what Amateur Radio is, so it just goes to show you if you work hard and prove your worth you will be rewarded."

From the pictures Doug provided the group did an excellent job on their Communications Vehicle, and I thought they deserved a little recognition for their hard work.

Another group a little closer to home is the **Big Sandy Amateur Radio Club.** On September 28th they provided Amateur communication for the Appalachian Bike Tour. Jerry Caudill K4GEC, Wayne Sparks KF4FIN, Fred Jones WA4SWF, Daniel Hensley KF4KPL and Tom Lykins K4LID provided Amateur Communications for the event in their area on the N8QCW 147.39 repeater.

The **Kentucky Mountain Amateur Radio Club** will be sponsoring an ARRL approved Swapfest on Saturday November 9th at the Carr Creek Marina at Carr Fork Lake and Resort in Knott County, Ky. The group has reserved a totally enclosed facility for the event.

Also the group meets at 6:30 PM on the Second Monday of every month at the Ponderosa Steak House on Morton Blvd. in Hazard, Ky. They would like to extend a warm welcome to any and all amateurs and their families to come out and join them for their meeting.

The Kentucky SERA Director Mike McCown and Vice Director Tim Osborne were in attendance at the **Lexington Hamfest** representing SERA and answering repeater coordination questions. They both are working hard to help with repeater coordinations across the state and represent SERA as much as possible.

Recent Kentucky Coordinations:

Ingle	29.680
Donald Muncy	Repeater Call KA4UHL
Fort Wright	441.85
John P Donnely	Repeater Call KY4JD
Lawrenceburg	224.500
Jerry Shouse	Repeater Call N4EQT
Waynesburg	Output: 442.975
Ronnie Goodpaster	Repeater Call AG4TY

Well, That's it for this time. If you have anything you would like to see listed here please E-mail me at **ks4xl@sera.org** and I'll be happy to add it to the next issue.

Enjoy the holidays. ■

Kentucky SERA Director Mike McCown K4ITF (left) and Vice Director Tim Osborne K4TDO (and guest) man the SERA booth at the Lexington Hamfest. Mike, Tim and new KY correspondent Frank Belcher KS4XL are working hard to bring Kentucky into full participation in SERA.

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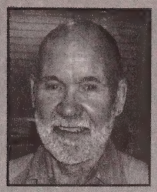

VIRGINIA

REPORTED BY
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KG4BKI@SERA.ORG

*The **Repeater Journal** welcomes Fred Weaver KG4BKI as our new Virginia News Correspondent! Please send him news - and pictures - about your club or repeater activity. It's great to have Virginia coverage return to the Journal - KN4AQ*

It is with great excitement, tinged with a bit of trepidation that I take on the job of Virginia Correspondent for the *Journal*. Most of my ham activity has been centered here in my home district, District Ten. A few folks in other parts of the Commonwealth will recognize my name and call from my activities in emergency communications. I am looking forward to meeting hams around Virginia and reporting on their activities.

I am relatively young in "ham years," having been licensed in December 1998. Those few years have been rich in ham activity. Before my license was a year old I had worked in a live EOC in Franklin, and set up and operated the station in the Red Cross Disaster Relief Center in Zuni. During the Y2K activation I set up and operated a station from the EOC in Franklin. I was proud to be able to participate with other hams operating in support of the Salvation Army at the Pentagon.

As you can see, ECOMM and preparedness is one of my prime interests. In that regard I am the Emergency Radio Officer (ERO) for the City of Franklin. That acronym may seem a bit different to Journal readers. In Virginia there are two organizations working in ECOMM – the ARES group that is associated with the ARRL, and a group operating under the umbrella of a non-profit corporation called RACES Inc. The second group separated itself from the national organization during a dispute over section leadership.

RACES Inc. appointments carry the name 'Radio Officer' in their title in place of 'Coordinator.' The two groups have acted in cooperation during activations and drills. I'm confident that I can report on the activities of both groups with appropriate journalistic detachment.

My Amateur Radio operating is split between the local D-10 repeaters and 10M. KG4BKI is very frequently the net control station on Isle of Wight (147.195 [100.0]) and Franklin (147.300 [131.8]). NCS is a task I enjoy and is an easy way to support ham activity. My HF activity is limited to 10M because my trusty HTX-10 is all there is in the shack for the present. Its 25watt output is well suited to PSK31. On a recent Saturday morning on that mode I worked California, Slovenia, Argentina and Israel.

The SERA Team at the Virginia Beach Hamfest: VA Director Jim Campbell K4YM, "Chief Hawker" Jimmy Marks KG4AAE, and new Repeater Journal VA Correspondent Fred Weaver KG4BKI. Jim reports that SERA gained a total of 17 member-years at the hamfest.

The Isle of Wight repeater (listed as Smithfield) is in the process of installing a remote base system. The main antennas are at 300' and the remote base antenna is at 150'. This system will expand the coverage of the repeater by allowing it to transmit to a second repeater, allowing both repeaters to transmit simultaneously. This will provide a boost in coverage for the Skywarn station in Wakefield and give the EOC stations in D-10 an alternate VHF path into the VAEOC. As this is being written the initial testing and programming of the remote base is underway and I will report on its progress.

So that is it for an introduction. I look forward to meeting and corresponding with hams across Virginia.

Since my appointment there has been lots of news in VA and the world. During the 1st anniversary of the attack on the World Trade Center and Pentegon there were many outpourings of sentiment. Hams all over the world honored the memory of the victims of the attack with special event stations. I was honored to work two of them: J6USA from St. Lucia and ZY7USA from Brazil. Hams also responded in informal ways on the 11th. During the **Old Dominion Emergency Net** (ODEN) 26 out-of-state hams checked in to add their "God Bless America" feelings to the net.

There were some special event stations of note in the Old Dominion in September. W4C operated from Fairfax during the weekend of the 21st and 22nd as part of the 2002 Collegiate QSO party. College Amateur Radio Clubs received bonus points for working the W4C station. I Didn't have the results at deadline but I am rooting for W7ASU. Arizona State University does not have a permanent station so they have to operate portable..... and..... I'm an ASU grad. ***Go Sun Devils.***

My home club operated portable station K4S as part of the 250th Anniversary celebration of the Town of Smithfield. It was pretty neat to call *Kilo Four Smithfield, Ham Capitol of the World.* Also got the see the largest ham biscuit in the world.

The Virginia Beach Hamfest is still alive. Despite a change in venue, changes in the dates and any number of other obstacles, the fest lives on. The organizers are to be commended for their tenacity and flexibility. This year's location in a mall workedout very well. The lunch selection was better. And, while smaller, it still had plenty of selection. My favorite part of any hamfest is to enjoy seeing people and the smaller location made that part better for me.

I attend several forums while at the VB Hamfest. One of those was the **Virginia Section ARES** meeting. Tom Harmon N1NM, SEC, led the meeting. He covered the upcoming ARRL training program that will be available to 200 field appointees. He encouraged all that were interested in the program to get their names in early. He also described some of the perceived images of hams that are held by many Incident and Emergency Managers.

Tom indicated that hams are perceived as talking too much, that they can show up where they are not needed, and that some hams do not pay attention to presenting a physical appearance that would inspire confidence in someone they did not know. He also cautioned hams about talking to the press during drills where there was a PIO present.

And, here is one from the "Are YOU ready?" department. On August 24, 2002, Randy Ward NS4NS of Christiansburg, VA heard a call over the **Dismal Peak repeater** (145.135 MHz) for a ham to handle Emergency Traffic. The call came from Bob Basenyei NT8X of Linside, West Virginia. Bob was calling from his mobile rig on a dirt road along the New River, near the Virginia/West Virginia border.

Bob had discovered a camping party and a 70-year-old gentleman suffering from internal and rectal bleeding. The party was camped in a rugged area along the river and the gentleman was too weak to seek medical assistance. David Arrington, KE4JYN came on frequency and served as radio liaison to the rescue squad in Giles County, Virginia, and Princeton, West Virginia. The Princeton unit was the first to arrive after a long approach over rough, mountainous roads. The man in distress was successfully rescued and transported to the nearest hospital. Great job!

73, See you next quarter, bki.

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Hamfest in a Mall?

Wilmington NC based Communications Headquarters enjoys more retail-like surroundings at the VA Beach fest's temporary home in a mall.

It was a little disconcerting at first to see the familiar rows of hamfest vendor tables laid out in the plush atmosphere of a department store. Carpeted floors with tile walkways, painted and mirrored walls, and the rest of the mall (and food court) just outside the door.

The Virginia Beach hamfest had long had nice quarters. For over 20 years the fest called the Virginia Beach Pavillion home. The Pavillion was a first class venue, with excellent rooms for forums, but the hamfest area itself was still barn-like - a huge room with a high ceiling and cement floor. The mall was very different.

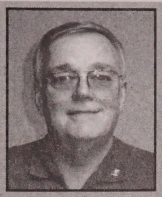
The hamfest, sponsored by several Tidwater area clubs, moved for several reasons, including schedule conflicts with the Pavillion. But one big reason was money and attendance. The hamfest took a worse-than-usual hit as hamfest attendence in general declined over the past six years. A hurricane, and a flood following another hurricane, killed attendance for several years. Last year, the hamfest was scheduled just 11 days after the September 11 terrorist attacks. The only people traveling were the military, and "the fleet" - including hundreds of hams in this Navy and Air Force town - was headed to the middle east, not to the hamfest. The hamfest couldn't go on losing money in the expensive Pavillion.

The "hamfest-in-a-mall" idea may not be totally new. In this area at least, the Richmond FrostFest has been in a commercial "big-box" building for years. But it truly is a big box. The atmosphere isn't too far removed from the fairground and armory environment that hamfesters are accustomed to. The Durham NC hamfest is in a mall parking lot, and still feels like a hamfest.

But the empty, former Overton's furniture store felt odd. Nobody complained, mind you, except about the broken air conditioning on the warmer than usual September day. That problem came as a surprise to the hamfest committee.

Changing a hamfest location and tinkering with the date are always considered risky things to do. (The FrostFest, which moved from January to February last year, is a rare exception, and will keep their new weekend in 2003, though the move will cost them some dealers who will opt for the bigger show in Orlando the same weekend.) The Virginia Beach fest did not return to their glory days of huge attendance this year, and things started slowly Saturday morning. But the crowd grew steadily and eventually most vendors were satisfied. And the hamfest turned some profit.

The Overton's store was a one-time opportunity. By next year it should be rented. The hamfest committee isn't sure where they'll be next year. The mall has another empty store that may be available (a bigger one). So the story isn't over. For now, the proud Virginia Beach hamfest has a new lease on life. ■



GEORGIA

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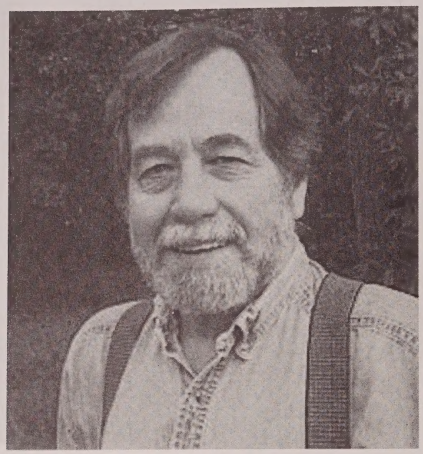
Terry was unable to prepare his usual Georgia News column due to illness. Meanwhile, SERA and the ***Repeater Journal*** *welcome Vester Scott N8EKA to the SERA family as a new Assistant Director. As you'll see from his biography, Vester has had a long and rich ham radio career. He should prove to be a great asset to SERA - KN4AQ*



New Georgia Asst. Director Vester Scott N8EKA

Vester Scott N8EKA Elected Georgia Asst. Director

Vester Scott N8EKA was first licensed in St. Louis, MO in 1965 as K0EFC, and earned a First Class Radiotelephone Operator's license the same year. In 1969 he became W1ETT in New Hampshire. The N8EKA call was acquired in Ohio in 1980. He now lives in Lawrenceville, GA, and his children and grandchildren live in Michigan. A son, Gary, is N8PWI.

Shortly after he was first licensed as a ham operator, Vester invented the industry's first radio controlled freight elevator door and safety interlock system, using some of the first transistors to appear on the market (anybody remember the CK-722?) plus tone encoding/decoding. Although he considers himself primarily a technical writer/author, he also spent over four years illus-

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trating hundreds of the articles that appeared in 73 Magazine and Ham Radio magazine (a part time endeavor after a long day at his regular job) in the late 60's and early 70's. In more modern times, he recently received a patent on a mounting system for large mobile antennas.

Vester's first station was a Johnson Viking Ranger and a Collins 75A3, after which he spent many years concentrating solely on home-brew and Heathkit equipment. In 1988 and 1989 he developed and managed an amateur radio AX.25 packet LAN/BBS system in Cambridge, OH that not only provided automatic message switching but also linked central Ohio and Wheeling, WV. This system began as CPM based, evolved to DOS, and was running under Windows on a modified NCR POS terminal late in 1989 when he turned it over to the locals in preparation for the move to his present home in Georgia. He now operates both mobile and fixed station, in all modes, and on all bands from 160m through 33cm, using a wide assortment of commercial and home built equipment. He insists, however, that his first love will always be the challenges presented by mobile operation.

Vester retired from AT&T in 2000 after a long career as an engineer, high tech advertising agency owner, technical writer/author, and manager. Since then, he has concentrated on designing and prototyping specialized radio communications solutions for hams and industry--an activity which he considers much more of a hobby than an enterprise. He is currently building his very first repeater, which will soon be operational at 927.6875 MHz (-25 MHz/DPL 141.3) on Hog Mountain in the Lawrenceville area.

APRS Frequency Correction

In the August *Repeater Journal*, the "State of Packet" article incorrectly listed the Nationwide APRS frequency as 145.39 MHz, causing great concern to the owner of at least one 145.39 MHz voice repeater.

The correct frequency for APRS operation is 144.39 MHz. If you've been wonding why there's no APRS activity, that may be why!

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TENNESSEE

REPORTED BY
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The summer of 2002 has past, and so have the hamfests and an other Field Day. I hope everyone had an enjoyable summer and you were able to find plenty of goodies at all the fests.

The RJ Tennessee column is for *YOU,* so send in your club tidbits so it can be read by everyone else in the next issue!

Several thousand Knox County residents were forced from their homes when railroad cars jumped the tracks on Sunday, September 15th. The Norfolk-Southern freight train had both commercial and military cargo. A subsequent investigation by the railroad revealed a malfunctioning switch is what caused the accident.

One of the cars carried more than 10,000 gallons of concentrated sulfuric acid. Some of the acid leaked into Ft. Loudon Lake. **Greg Williams K4HSM, ARES coordinator for Knox County,** provided the following information:

The sulfuric acid reacted violently when in contact with the water, and was considered "military grade". Mandatory evacuation of all residents within a 1.3 mile radius began. Those living up to 5 miles from the wreck were under "recommended" status for evacuation.

Middle East Tennessee Emergency Radio Service (METERS) was activated at approximately 12:30 PM on the **Radio Amateur Club of Knoxville** (RACK) repeater system, which had 2 meter, 220, and 440 capabilities. Also, nearby **Blount County** activated their ARES net as the toxic cloud drifted south by the prevailing winds.

There were several immediate concerns. One was a bike tour sponsored by MS which had bikers traveling near the affected area. Ham operators assisting with the MS Bike Tour event were alerted to the spill and event personnel proceeded to call off the remainder of the event, evacuating the few remaining bike riders and having paramedics check them for any symptoms of contamination.

Red Cross shelters were set up and the Emergency Operations Center for Knox and Blount Counties were activated. Amateur Radio operations were offered but not immediately needed for the emergency services overseeing the situation, however the Red Cross did request ARES activation by mid-afternoon due to overloaded phone lines and the need to communicate with shelter workers. All shelters in Knox and Blount Counties were stationed with ham operators throughout the afternoon and into the evening.

Initially, four shelters were opened up for the approximately 3,000 people displaced by the derailment. However, two of those shelters were closed down by 9 PM as evacuees found places to stay for the night with friends and relatives.

By 10PM the main office of the Red Cross shut down for the night and the one remaining shelter in Knox County at a nearby high school was ready for the overnight settlement of those who were stranded by the evacuation order.

Over the course of the 10-hour activation well over 50 hams checked in to the METERS net and support from adjacent counties was offered in case there was a need to continue with emergency traffic well into the early morning hours. Fortunately the extra assistance offered was not necessary. Although VHF/UHF voice was primarily used, APRS was set up at Red Cross headquarters in Knoxville as well as in the Blount County EOC and Blount County's one shelter.

Support by the amateur community was commended by the Red Cross and all amateurs were asked to stand down at about 10 PM Sunday Night.

The Middle Tennessee Amateur Radio Society participated in a school program, educating young people about amateur radio. The annual Jane's School Day coincided with students of Jane Clark KE4OYY, studying the letter H. Members of the club, joined by other mid state hams, set up stations at several schools in Franklin, Coffee and Moore Counties. Students in kindergarten through sixth grade were introduced to the exciting world of ham radio. They were shown HF, VHF, UHF and APRS stations.

A Monday night **Tennessee ARES** state net was initiated in September. You should be able to find it at 7:30 PM (central time) on 3980 MHz. For those who do not want to work in on HF, there is an ARES net in Memphis on 147.09 from 7-7:30 PM. Two meter check ins are then relayed to the HF net. K4ZFV will be the **Shelby County ARES** NCS for the HF Net. All amateur operators are welcome to check into one of these nets.

In the **Radio Amateur Club of Knoxville's** *RACK Panels,* Jimmy Floyd NQ4U reports participation in the first net made it a tremendous success. One or two Red Cross centers checked into the net

The **Delta Amateur Radio Club's** *Sparks* newsletter has some helpful for anyone working on learning Morse code. You can check out their web site, **www.deltaclub.org**, for some downloadable freeware that will help you master the code. ■

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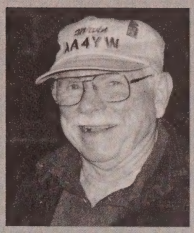

Every Day's a Holiday

The other day I got a letter from Mary. She must be a friend of mine since she started with "Dear Marvin." It turns out that she is the Chief Development Officer for ARRL. I'll bet most of you didn't know that ARRL had a Chief Development Officer. Anyway, she sent me this very informative little booklet about Charitable Giving. In the letter she tells me, along with its tax ID number, the "legal" name of ARRL which is 22 words long and includes "non-profit" which makes it a great candidate for charitable giving.

The booklet is rich in examples of increasing the amount of estate one can leave to family by employing devices that give money to an appropriate charity. It tells about "George" who was happy to find that, due to the new tax law, when his estate of a million bucks is settled, he won't have to pay estate tax, so he can increase his contribution to his charity from $100K to $183K. He, alternatively, might have given more to his family. Other cases talk about the distribution of multi-million dollar estates and I got the feeling that they weren't really talking about me. The booklet repeatedly tells you to "check with your advisors," which is good since it spends most of its words alerting you to new laws and developments without giving enough information to be useful.

ARRL isn't specifically mentioned anywhere in the booklet, other than to take credit for providing you with this valuable tool. Mary's letter, however, makes it clear that if you are the right sort of fellow, ARRL should be high on your list of the worthy charities included in your bequests. The way she puts it is: "Now you have an opportunity to repay Amateur Radio for years of pleasure and friendship."

Does that grab you the way it grabs me? There is the tacit assertion that Amateur Radio and the ARRL are the same thing, that they are inseparable in ones thinking and in reality. It is true that ARRL has convinced the FCC and most legislators that this is the case, and it is also true that there is no spokesman for Amateur Radio comparable in power and influence to the ARRL, but by Maxwell's Equations and the little electrons in all their quantum states, it is not so.

There are about a half million licensed hams in the United States and about that many more in the rest of the world. Maybe ten to twenty percent of these are active. It is they and what they do and how they feel that is "Amateur Radio." Those from this set who pay dues to the ARRL are generally clueless and powerless to effect any significant influence. Several hundred or so, many in Newington CT, some of whom are politicians elected to various positions, others paid managers, staff, lawyers, lobyist, publishers, clerks, etc., are, collectively, the ARRL, and each is pursuing some personal agenda. Each of them, particularly among the leadership, will tell you, very loudly if given the chance, that it is the welfare and strength of Amateur Radio that is their main concern.

Of course this is true, but their notions of what comprise the health and strength of Amateur Radio vary widely, may differ substantially from those of "Amateur Radio," and are very strongly influenced by personal agendas. I cannot dismiss the impression that each in his heart knows that as the membership in ARRL increases, his personal lot is improved, therefore this is the end to which all else must be subjugated. Even less kind is the feeling that each has a finite term of office or employment, and that concern for what happens beyond that is small.

This is the crowd that sets the rules/points for Field Day and sets what is and is not allowable for the DXCC and establishes a myriad of awards and certificates. From them also comes the definition of public service which is equated with holding office in ARRL or operating a digital station. Well, they have the right to manipulate their awards any way that serves their objectives. It must be realized, however, that no matter what they call them, the awards are simply recognition of compliance with arbitrarily generated criteria and hold only that significance. While they may define their own awards as they will, they may not define "Amateur Radio" which is what it is in spite of ARRL.

Purity of purpose is hard to find in anything these days, and should you reject the generality "what's good for ARRL is good for Amateur Radio," you will be reminded that there are bad things out there could happen to us. So into the hands of our dubious guardian we commit our fate.

At this point it is expected that I be asked, "Okay, so what is your better plan?" To which I reply, "I don't have one."

"Well, if you can't come up with something constructive, just sit down and shut up!"

I feel like the boy in the fable. Around me everyone is talking about how elegant the emperor looks in his new finery and one by one they go up and compliment him. Since it seems to be a general consensus that the emperor's wardrobe is the finest there could be, in order to get things off dead center and make people aware of the reality, even though there is no handy remedy for the reality in front of them, it is often necessary to speak: "The emperor has no clothes."

Nostalgic Wavelengths

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The TEN-TEC Amateur Radio Museum - A Look at Early QRP Rigs

Nestled in the foothills of the Great Smoky Mountains in East Tennessee, the TEN-TEC Company manufactures quality amateur radio equipment for the discerning ham. Started in 1968 by Al Kahn, the company's first offering was the PM-1 Power Mite. Many other items followed including HF and VHF transceivers, tuners, RF power amplifiers, electronic kits and other items. The hallmark of the company is providing quality equipment with factory service second to none.

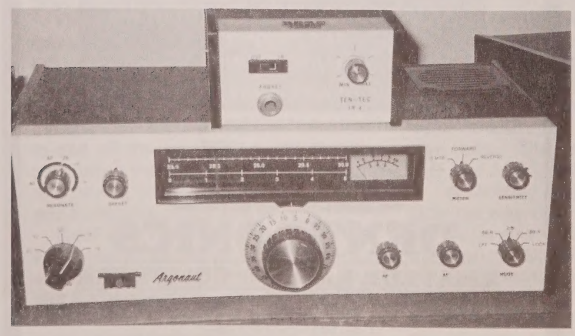
At the Third Annual TEN-TEC Homecoming Hamfest September 27-28, I had an opportunity to visit the small but well organized museum of TEN-TEC equipment. Those of you who follow the TEN-TEC product offering are probably aware that the company is again introducing the Argonaut to its line. The original Argonaut 505 offered a quarter century ago was available as a QRP transceiver with both SSB and CW capability, covering 5 ham bands between 3.5 MHz and 30 MHz. Other versions of the Argonaut soon followed such as the Model 509.

This transceiver was fully solid state, had permeability tuning, was equipped with an internal SWR bridge, S-Meter and speaker. It utilized plug-in circuit boards for maintenance, and the receiver section had a ½ microvolt sensitivity. The transmitter produced 5 watts input power. For hams desiring more RF power, the company offered a 100 watt model 405 solid-state linear amplifier. Unfortunately, FCC RF amplifier rules brought an end to production of this RF amplifier in 1978. The linear only required two watts drive, so the Argonaut was a perfect companion.

The entrance to the TEN-TEC company in Sevierville, Tennessee. TEN-TEC conducted factory tours, held a high speed CW contest, conducted several forums, had exhibits, prize drawings, and other activities.

The author, David Bower K4PZT, tirelessly promoting SERA and other local Amateur Radio activities at the hamfest.

Tailgating at the TEN-TEC Hamfest on September 28. Admission and tailgating were free.



An early TEN-TEC Argonaut.

The TEN-TEC Amateur Radio Museum.

Other accessory items included an antenna tuner, 100 kHz crystal calibrator, cw filter, power supply, ceramic microphone and Model KR5-A Keyer.

The Argonaut had a neat analog linear tuning dial with S-Meter integrated into the mechanism. Other functional controls included RF and AF gain, sensitivity, mode and meter selector switches, offset tuning, resonate range and band selection for 80, 40, 20, 15 and 10 meters. For those wanting only a receiver, TEN-TEC offered a Model 315 with similar panel layout (minus transmit functions).

TEN-TEC's new Argonaut V (just introduced in 2002) features 20 watts of power (adjustable down to one watt), DSP circuitry and a large digital display. To quote TEN-TEC, "The QRP Legend Continues."

The oldest item in the display is a PM-1 Power Mite in excellent condition. The original PM-1 covered 80, 40 and 15 meters and featured a great linear display for the three bands that was easy to read. Controls included oscillator, amplifier, receiver and volume. A front panel crystal socket was provided along with a switch for a VFO.

The TEN-TEC Museum had a nice display of an Argosy and Argosy II side by side. The Argosy had a clear plastic cover on the top, so the inside circuitry and wiring were visible. The Argosy series was introduced as a transceiver with switchable power for 10 or 100 watts input to provide a high quality, low cost alternate for new hams entering the hobby, and for those advanced operators desiring another transceiver. In the low power mode, it made a great QRP transceiver. The size and weight of the transceiver made for an ideal portable unit when travelling. The Argosy was know for its clean audio and CW.

I appreciate the assistance of Scott Robbins W4PA, from TEN-TEC regarding his input for this article. When you're in the East Tennessee area, be sure to visit TEN-TEC and inspect the many pieces of equipment in the museum. You can contact them at 865-453-7172 for further information, or visit their Web Page at **www.tentec.com.** ■

Get the Hammer

And let's get technical

Randy McKenzie KB4YFV
3661 AIRPORT RD.
HILLSVILLE, VA 24343
kb4yfv@sera.org

What's organized?

Hello all! Still building the house! Painting, and trying to hang garage doors...neither of which I like!

Several of you have emailed and asked about my job with the State Police, so I thought I would share some of the highlights of what I do.

I work for the **Virginia State Police,** as a Communications Tech, operating out of our 4th Div HQ in Wytheville. We have four techs and one supervisor.

We maintain the communications for every State agency in 15 counties, plus the IFLOWS network for the NOAA. We stay pretty busy with all the mobiles for the VSP, Highway crews, and the 9 mountain top sites. Several systems are upgrading, and a major upgrade for VSP system hopefully. Like all government agencies, the current political and economic issues take control. I am very blessed to have some great guys to work with.

My ties to the VSP started with my dad, who has been a Trooper, now Special Investigator, for over 30 years. I used to sit on the rear fender of his police car when the radio techs would work on his car, watching and learning. I always thought that would be a great job, and I was right!

My daily work varies so much, no two days are ever the same. One day I may have no service calls, and spend the day in the shop. Another is on the road, repairing mobiles or checking on a mountain top.

We have several different radio systems, so its fun keeping everything organized. We have low band (39 and 45-47 MHz), VHF, UHF, and microwave radio, so its never boring! I check my voice mail twice a day, and schedule myself for the weeks work. I enjoy the freedom of scheduling my own calls, allowing me to stay ahead for stocking parts and planning my time. After over 8 years, its easy to plan ahead, most of the time.

I know all the Troopers by name, most of their families, and where they live. Sometimes I work on their cars while they work, but often I travel to their house while they are off duty. I enjoy working with the Troopers - all of them are really good guys. Several of them have even came by my new house to help out on their off day too!

The State issues me all my tools, test equipment, and vehicle. I currently have a 3/4 ton Chevrolet pickup, with a fiberglass workbody, stocked with lots of parts. My wife calls the truck a "white porcupine" because of the antennas. Besides the business band, I have a 2 meter/ 440 dual band antenna, plus a monoband HF antenna mounted on the rear. I operate mostly 17 meters mobile, and enjoy the time on the road.

Our division is one of seven that covers the state, and our main repair depot is in Richmond. They do most all the major repairs, and supply the field shops with materials. We do small repairs in the local shop when possible. The police cars are equipped in Richmond, issued to the Trooper, and when the mileage is high enough, turned back in at Richmond where the equipment is stripped, tested, and reused in the next car. In the field, we repair everything in the car except factory installed items, so we have the radio, blue lights, and sirens to maintain.

I recently found out that my Communications Division is the only operation with the State that services every state agency. There are over 14 agencies, each with their own systems that we maintain. Some are simple single channel simplex, others are multichannel, data, etc.

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When I get bored with radio, I also get to take care of the telephone and some computer network items. The actual title for our job should be "Telecommunications Tech," but its a polical thing. I'm not a paperwork person, and with the government there is always a form to fill out, but otherwise, its a wonderful career.

I really enjoy my work, and have some great friends. The work is different everyday, and very rewarding. I guess in my own way, it helps keep my family safer by doing a good job for my Troopers. So next time you see a Troopers blue lights flashing, you'll know who keeps them going....and *NO, I CAN'T* help with speeding tickets!

Interested in being a tech for VSP? We have positions available, but mostly in the Richmond depot. Once hired, you can transfer to different areas if there is an opening. I hired on for a position in Richmond, and really lucked out after six months, getting a position back in my home area. A solid background in electronics, some experience in communications, a good background, and you have a good chance.

Currently with the budget issues, the hiring is slow or frozen, but it won't last forever! Be sure to make note of your Amateur Radio on the application - two of my interviewers were hams! Once applications are taken, you'll be invited to take a written test (very much like the old Advanced test). Pass the test, and you'll get an interview. Then they will pick out the best applicant and go from there.

Having a job you enjoy makes a big difference. My interest in Amateur Radio has lead to a very rewarding career with the State, as well with my Broadcast adventures. Now if I can only get that garage door to close.....where's my hammer? ■

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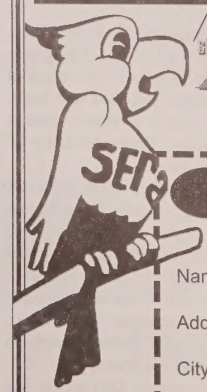

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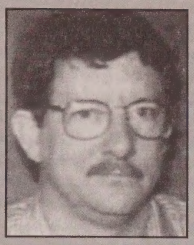

Getting Started

advice for new hams

Jack Mood, SFO, W4HTX
3732 Ashley Hall Drive
Charlotte, NC 28227-6602
w4htx@sera.org

The Repeater Journal welcomes our third new writer appearing in this issue! Jack Mood W4HTX explains how he came to take over "Getting Started" in his first column, below. Glad to have you, Jack! - KN4AQ

QST de W4HTX

Well, I never thought I would get involved in helping out with the SERA *Repeater Journal,* but here I am. I read the *Journal* like clockwork, each quarter when it arrives. A few months ago, I read an article about "Kilocycle Kops" by Gary KN4AQ. It was quite simply hilarious! (I suspect he was listening to some of the Charlotte, NC repeaters where I hang out, but he won't admit to it…) I wrote Gary, he wrote back, and as things often are, timing was right. Circumstances were very wrong.

Circumstances hurled Gary into a position I would not like to be in. Filling the shoes of a man as accomplished and respected as Wayne Williams K4MOB (SK) is a daunting task. Gary has risen to the occasion, and is doing a great job.

That being said, I mentioned to Gary that I would be happy to help out when he wrote that his responsibilities were suddenly lots larger. The 'rub' is that now I am going to be trying to follow Gary concerning the New Ham experience in this column. His column is a really tough act to follow.

I'll start out giving you a few ideas and a story from my beginnings as an Amateur Radio licensee. One concept I have used in talking to prospective new hams is the jewel that the ARRL uses for the shape of its crest. It's a diamond shape. I think the reason it is a diamond shape is special, because if you look at a real diamond you notice it has many, many facets that all reflect light at a different angle. That's the reason they sparkle so much.

An uncut diamond on the other hand looks a bit lackluster. They're nothing special really, just a funny looking rock that is kind of translucent. Once the jewel cutter cuts and polishes it, then you have something.

I know you're wondering what the heck I'm going for, but hang in there. Jack McCoy on *Law and Order* would say, "Your Honor, it goes to motive and opportunity!"

As far as I know, Amateur Radio has no real limits. Other hobbies do, and often folks just lose interest. Leather crafting, skiing, sailing: all have limits. Ham radio has no limit.

Consider an article from one magazine I read a few weeks ago. "Signals from MILLIONS of miles" leaped off the page at me. Some hams are involved in listening for signals from a deep space probe launched some years back. Ten years ago, even five years ago, most hams would have not even considered that as possible. Now hams are actually targeting deep space probes listening for weak signals. Very tough, but it can be done.

Some hams are looking at frequency ranges that have previously only been explored by the military (LOWFERS) and some bands where the printed circuit boards have to be hand made to tolerances heretofore only approached by scientists, watchmakers, and engine builders. It's almost overwhelming to get into a hobby that has so much to do!

My favorite experiences in ham radio have to do with VHF and up. There are some fellows who have no interest in any VHF activities, and one OM I know has never even plugged the microphone in on his HF rig. He does not own a VHF rig. He's a CW fan, dyed in the wool. It's almost like one Pastor told me when I asked why there were so many different 'versions' of religion. He said, "I suppose the Creator wanted to make sure there was a faith for everyone." It was good food for thought, anyhow.

This leads me back into my analogy of Amateur Radio being like a diamond. It has many more facets than the most beautiful diamond man has ever cut and polished. It has something for everyone, though there may be a large number of people who don't want to get involved. They seem to be the folks who stopped learning when they left their academic careers. They're happy with a translucent rock.

That's OK, but my Dad taught me you should try to learn something new throughout your life. He bought his first computer at the age of 70, and before long he was showing me things I had not learned, and I make a living working on and with computers. He wrote very scholarly papers on scientific subjects in his late 70's and didn't stop learning then either. One of his best lessons for me was on never being too old to learn.

OK, I'll now let you know my beginnings in Amateur Radio. I was fresh out of the exam session at the Sumter Hamfest in October of 1991. I had a slick little paper that said I was entitled to operate only after I received my call sign from the FCC. Then the excruciatingly long wait for the ticket! *Sixteen weeks later* I was on the air. But wait, you ask how could a person wait that long? Well, then you had to. Now, you can find out your call sign on an Internet web site and get on the air. Times change.

I could hardly wait at first. I called one of my Elmers, Sam KI4QM, and told him I'd finally gotten up the nerve to test for my Amateur license on Saturday. Before the night had fallen, he drove over 150 miles from his home to my hometown and called me on the phone. He wanted to get some supper with an old friend, and I was really happy to see him. He really was kind to do that, because supper was a subterfuge. He wanted to put me on the air because he knew I'd be waiting a while to get my own license. I operated third party on his call, and my first contact on ham radio was to a fine fellow named Charlie, KC4QQK. I still maintain a friendship for these two fellows and really appreciated the QSO.

The next thing I did as a new ham was to go and find the club local to me to see what I could learn. I met up with the club, managed to luck into a supper meeting, and met some thoroughly interesting people. Besides which, it was a supper meeting at a great barbeque place! Man I love barbeque, but that's for another column.

I met and talked to a fellow named Bob N4QWL (SK). Bob was a fine fellow and all who knew him miss him. Bob asked me what I wanted to do in Amateur Radio. He encouraged me to pursue my dream of snagging a contact with the NASA Space Shuttle SAREX station. He knew it was a tough challenge and mentioned that. He also knew that people often want that which they cannot have, or cannot easily get. And that the challenge is most of the fun.

He hooked me, reeled me in and landed me in one sentence. He not only drew the line in the sand, he threw down the glove too. I remember his chuckle when he said, "That's a tall order. You sure you can do it?" I replied that I would have a contact really soon. This from a guy STILL waiting on his ticket in the mail! I was kind of arrogant when I look back on it.

SERA Repeater Journal
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2003 REPEATER FULL MEMBER APPLICATION

THE SOUTHEASTERN REPEATER ASSOCIATION, INC.

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Please fill out the this SERA Full Member Application completely. Be sure to list 2 persons as SERA representatives. ONLY these two will have voting rights, and receive the *Repeater Journal*. MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in February 2003 *Repeater Journal* is January 1, 2003.

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THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC

In the ensuing years, Bob and a many other good folks have passed on. We will all miss them, and we'll never get their experience or expertise back. I was very happy to hear that my old club had established a club call & station in memory of Bob. The N4QWL station is active every Field Day. I hope I can snag a QSO with the N4QWL memorial station one of these days.

Not too terribly long after Bob threw down his challenge, I managed to make a shuttle contact with an astronaut with a call remarkably similar to Bob's - Jay Apt N5QWL. The QSL card took almost as long as the ticket, but I treasured it. Heck, the day I logged the contact, I nearly had to repair the ceiling in my shack I got so excited. Making contact with or through an orbiting satellite station still thrills me, and I do a bit of VHF satellite work now and then. I grew up watching Leonard Nimoy and William Shatner pretend to do that with handheld "communicators". Now it's a reality, and the average person can do it with very little equipment. Another shining facet on our diamond, ham radio.

Bob was really happy to hear that I had made good on his challenge. Remember this if you remember anything: treasure the elders (and Elmers) because they are a resource that is only renewable if we listen to them. In some ways, our Native American brethren invented Elmering. They taught their young people by passing the history of their heritage on verbally. This oral history is an important part of Amateur Radio. Our heritage in ham radio is something worth preserving.

So, buy an Elmer supper and re-learn how to listen. South Carolina Senator Strom Thurmond once said that people are like steamboats. When the whistle is blowing, steamboats don't make much progress against the current. Hams that are all talk seem to make no progress, like the steamboat.

I can be reached via e-mail at w4htx@sera.org, or by postal mail at my call book address. I will be happy to get your ideas, thoughts, criticism (constructive & otherwise), comments and experiences.

I'm listening! ■

SERA NOMINATION FORM

For the Office of SERA State Director or Vice-Director

This completed form must be mailed to the Secretary - postmarked no later than NOON, Nov. 25, 2002.
Note: The Secretary must also be notified verbally by phone no later than NOON Nov. 25, 2005.

To The SERA Secretary:
The below named person is nominated to the Office listed. The nominee has been contacted, has agreed to serve, and an acceptance letter is enclosed The nominee is (1) a SERA FULL MEMBER, appropriately listed as such in the February 2002 Repeater Journal, (2) is not an officer in any other coordination council (3) and fully qualifies under the bylaws of SERA to hold office. It is understood that this nomination from the floor, signed by myself and THREE other eligible SERA Full Members will be added to the nominating committee's list of nominees. This "from the floor" nomination will cause an election to be held by written ballot, mailed to every Full Member in the SERA District the nomination effects .

NOMINEE INFORMATION: (Use separate sheet for EACH Nomination - Director or Vice Director)

Nominated for the SERA State office of _____ for (State) _____

Name _____ Callsign _____

Address _____ Phone ( ) _____

City _____ State _____ Zip _____

Is a representative of the _____ Full Member Repeater System

Person has been contacted and has agreed to serve - [ ] Yes - Acceptance letter enclosed? [ ] Yes

Please include a brief Biographical sketch of nominee on separate sheet of paper - enclosed? [ ] Yes

This SERA Nomination is certified by:

Name _____ Callsign _____ State _____

Phone [ ] _____ Signature _____

I am a member of _____ SERA Full Member Repeater Group.

Please list three other Full Member Repeater Representatives (each must sign this sheet)

(1) Signature _____ Callsign _____

(2) Signature _____ Callsign _____

(3) Signature _____ Callsign _____

Mail this fully completed form with other necessary paperwork to:
ALEX HEDRICK N8FWL, SERA Secretary, 908 Woodlawn Avenue, Beckley, WV 25801-6430
This mailing must be postmarked no later than NOON November 23, 2002 AND Verbal Notification by Phone (888) HAM-SERA (426-7372) to the Secretary is required by NOON Nov. 23, 2002.

IMPORTANT: All eligibility conditions, for nominee as per SERA Bylaws, and all requirements of this nomination form must be met for a legitimate nomination from the floor. Otherwise, the nomination must be disqualified as non valid for the forthcoming Director/Vice-Director election.

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THANKS FOR A GREAT 2002!

The *SERA Repeater Journal* Southeastern HAMFEST/CONVENTION SCHEDULE

Hamfest dates marked with an asterisk (*) are ***not*** confirmed and are estimated from the previous year's date.

Hamfest sponsors are urged to send their correct dates to the *Repeater Journal* editor as soon as possible (editor@sera.org).

We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors, the ARRL, commercial dealers, and many clubs and individuals.

Deadline for February Issue is January 1, 2003

NOVEMBER, 2002

1-2 (Fri-Sat) ..... Baton Rouge Hamfest, BAKER, LA
2-3 ..... GA ARRL Conv./Hamfest, LAWRENCEVILLE, GA
9 ..... Beachfest/Fleamarket, MYRTLE BEACH, SC
9 ..... Hamfest at St. Fairgrnds, MONTGOMERY, AL
16* ..... Twin City Hams, Hamfest, MONROE, LA
16-17* ..... Hamfest, FT. WAYNE, IN
17 ..... JARSFEST at American Legion, BENSON, NC
22-23. West Jackson Co. Hamfest, OCEAN SPRINGS, MS
23* ..... EARS Hamfest, EVANSVILLE, IN

DECEMBER, 2002

7 ..... Union Cty ARC Hamfest, Fairgrounds, UNION, SC

JANUARY, 2003

4 ..... HF at Talley Ward RC, MORRISTOWN, TN
11 ..... Ft. Myers ARC Hamfest FT. MYERS, FL
11 ..... Hamfest, GREENWOOD, SC
11* ..... Dial RC Hamfest, MIDDLETOWN, OH
12* ..... Hamfest, SOUTH BEND, IN
18* ..... Hamfest at SLU Univ., HAMMOND, LA
18 ..... SCARA Hamfest at Civic Center, GALLATIN, TN
25* ..... DeSoto ARC Hamfest, ARCADIA, FL
26* ..... Md Mobileers ARC Hamfest, ODENTON, MD
26* ..... Tusco ARC Hamfest, DOVER OH

FEBRUARY, 2003

31/1 (Fri, Sat) ..... MS St ARRLConv/HF, JACKSON, MS
1* ..... Hamfest at Stall HS, N. CHARLESTON, SC
1-2 ..... SE ARRL Div Conv/HF, MIAMI, FL
7-9 ..... Hamfest, Central Florida FG, ORLANDO, FL
8-9 ..... DixieFest Hamfest, MEMPHIS, TN
9* ..... Hamfest, MANSFIELD, OH
9 ..... ARRL VA State/FrostFest, RICHMOND, VA
15 ..... Hamfest, SEBRING, FL
15 ..... Hernando Co ARA Hamfest, BROOKSVILLE, FL
15 ... Playground ARC Hamfest, FT. WALTON BEACH, FL
22* ..... Dalton ARC Hamfest, DALTON, GA
23* ..... Hamfest, Nat'l Grd. Armory, ELKIN, NC
23 ..... Hamfest, Fayetteville HS, FAYETTEVILLE, WV
23 ..... Hamfest, ZEPHYRHILLS, FL

MARCH, 2003

1* ..... AR River Val. Hamfest, RUSSELLVILLE, AR
1* ..... 26th Mam. Cave ARC Hamfest, CAVE CITY, KY
1* ..... Kerbela Hamfest at Temple, KNOXVILLE, TN
2* ..... Vienna WA Winterfest, ANNANDALE, VA
7-9* ..... LA State ARRL Conv/HF, RAYNE, LA
8* ..... Hamfest, HARRISON, AR
8-9 ..... HF/Comp. Show, CHARLOTTE, NC
15 ..... Hamfest at Coonskin Amry, CHARLESTON, WV
15 ..... Hamfest, PORT CHARLOTTE, FL
16* ..... Toledo MRA Hamfest, MAUMEE, OH
22 ..... Gulfcoast ARC HF, NEW PORT RICHEY, FL
23 ..... Downeast HF - Lenior Cty. FG, KINSTON, NC
23* ..... Lake Cty ARA Hamfest, MADISON, OH
29* ..... Middle TN ARS Hamfest, TULLAHOMA, TN
29-30 ..... ARRL MD St.-Conv/HF, TIMONIUM, MD

APRIL, 2003

5* ..... Hamfest, ELIZABETHTOWN, KY
5-6* ..... Gr. Jax HF Hamfest, JACKSONVILLE, FL
6* ..... Ft. Smith Area ARC Hamfest, FT. SMITH, AR
7* ..... Swapfest at Tombigbee St. Pk., TUPELO, MS
13 .... Raleigh Hamfest-Large Flea Market, RALEIGH, NC
19 ..... Chesapeake ARS Springfest, CHESAPEAKE, VA
19 ..... Catawba Val. HF & Comp., MORGANTON, NC
19* ..... Nashville ARC Tailgate Party, NASHVILLE, TN
25-26* ..... Little Rock Hamfest, LITTLE ROCK, AR
25-26 ..... SE VHF Conference, Huntsville, AL
26* ..... Cherokee Cap. ARS Hamfest, CALHOUN, GA
26* ..... Bankhead ARC Hamfest, MOULTON, AL
26* ..... 5th Salkehatchie Tailgate Party, WINSOR, SC
26 ..... Gainsville ARS Hamfest, GAINESVILLE, FL
27* ..... Athens Co. ARA Hamfest, ATHENS, OH
27* ..... Hamfest, CANFIELD, OH

Is your hamfest listed correctly?

(does it still have a "*")

Please e-mail the editor at:

editor@sera.org

MAY, 2003

4-4* ..... MO St. ARRL Conv/HF, LEBANON, MO
3* ..... Upstate Hf, SPARTANBURG, SC
3* ..... Big Sandy ARC Hamfest, LOUISA, KY
3* ..... Hamfest, GRAYSONVILLE, MD
3-4* ..... Birmingham fest, BIRMINGHAM, AL
4* .. Hmfst, Fayette Co. Mem Bldg, FAYETTEVILLE, WV
4* ..... Antietam RA Hamfest, HAGERSTOWN, MD
4* ..... Jax Cty ARC Hamfest, RIPLEY, WV
10 ... CANCELLED!! Plateau ARA Hamfest, BECKLEY, WV
10* ..... Johnson Cty ARC, MOUNTAIN CITY, TN
16-18 ..... Dayton Hamvention, DAYTON, OH
17* ..... Sadler's Creek St. Pk., ANDERSON, SC
17* ..... Roanoke ARS Swapfest, WILLIAMSTON, NC
17* ..... Hamfest, STATESBORO, GA
24* ..... Hopkins Co. ARA, MADISONVILLE, KY
24* ..... Dur-HamFest at S. Sq. Mall, DURHAM, NC

JUNE, 2003

7* ..... Atlanta RC Hamfest, ATLANTA, GA
7* ..... Tailgate Party, SILVER POINT, TN
7* ..... Ole Va Hams, Hamfest at FG, MANASSAS, VA
7* ..... Starved Rock Hamfest, PRINCETON, IL
6-7* (Fri eve-Sat) .. Hf/Comp Show, PASCAGOULA, MS
7* ..... HF/Computer Fair, ALBANY, GA
7* ..... Franklin ARRA Picnic/Tailgate, FRANKLIN, VA
7* ..... W-S Classic at Dixie FG, WINSTON-SALEM, NC
8* ..... NKyARC Hamfest, EDGEWOOD, KY
13-14 (Fri eve-Sat) ..... Elec. Expo/HF, KNOXVILLE, TN
15* ..... Frederick ARC Hamfest, FREDERICK, MD
22* ..... Eastern Shore Hamfest, EASTON, MD
22* ..... Hamfest, ZEPHYRHILLS, FL
28-29 ..... ARRL FIELD DAY

JULY, 2003

12 ..... Firecracker HF at Civic Cen, SALISBURY, NC
12 ..... ARRL GA State Conv/HF, GAINESVILLE, GA
12* ..... Hamfest at Bradley HS, CLEVELAND, TN
19 ..... Midsummer Swapfest, CARY, NC
19* ..... RCARS Hamfest at Cdr Pt. Pk, DAYTON, TN
25-26* (fri-sat) ..... Milton ARC Hamfest, MILTON, FL
26* ..... OH-KY-IN ARS Hamfest, CINCINNATI, OH
26* ..... WCARS HF, Hywd Co. FG, WAYNESVILLE, NC
27* ..... Portage Cty ARC Hamfest, RANDOLPH, OH
27* ..... BRATS HF and Computer Fest, TIMONIUM, MD

AUGUST, 2003

2* ..... HF at Wm. Byrd H.S. VINTON, ROANOKE, VA
2* ..... Voice/ Aladdin ARC Hamfest, COLUMBUS, OH
2* ..... Hamfest, EILLIJAY, GA
3 ..... 52nd Annual Winchester HF, BERRYVILLE, VA
3* ..... Hamfest at Stuben Co. Frgrnds, ANGOLA, IN
3* ..... HF at Nat'l Grd. Arm, LEXINGTON, KY
9* ..... Hamfest, at Meth. Col., FAYETTEVILLE, NC
9* ..... TARA HF & Comp. Show, HUNTINGTON, WV
16-17* ..... Hamfest, AL Sec. Conv., HUNTSVILLE, AL
17* ..... Warren ARA Hamfest, WARREN, OH
23* ..... WV State Conv/HF, (Jksons Mill) WESTON, WV
24* ..... Short Mt. RC, Hamfest, LEBANON, TN
30-31 ..... Shelby ARC Hamfest, SHELBY NC

SEPTEMBER, 2003

6* ..... Owen Cty ARA Hamfest, SPENCER, IN
6* ... KY St. ARRL Conv/HF-Bullit FG, LOUISVILLE, KY
6-7* ..... Columbia ARA/FAR Hamfest, FRIENDSHIP, MD
7* ..... Findlay Radio Club Hamfest, FINDLAY, OH
7* ..... Butler Cty ARA Hamfest, BUTLER, PA
13* ..... Paulding ARC Hamfest, DALLAS, GA
20* ..... Arrl St. Conv./Hamfest, LITTLE ROCK, AR
21 ..... Hamfest Assn. of Clev. HF, CLEVELAND, OH
21* ..... Greater Cinci ARA Hamfest, CINCINNATI, OH
26-27* ..... (Fri-Sat) Ten-Tec Hamfest, SEVIERVILLE, TN
-- ..... Date, Location TBA, VIRGINIA BEACH, VA
27* ..... Cancelled in 2002 - Hamfest, DOTHAN, AL
27* ..... Day in Park HF, STARKVILLE, MS

OCTOBER, 2003

4* .. Cancelled in 2002- KCARC , BOWLING GREEN, KY
4* ..... Hamfest/Computer Fair, ROCK HILL, SC
11* ..... Stafford ARA Hamfest, STAFFORD, VA
11* ..... Hamfest, STARKE, FL
11* ..... ARC of Augusta, HF/Comp Show, AUGUSTA, GA
12* ..... Hamfest, MAYSVILLE, NC
18* ..... NW GA ARC Hamfest, ROME, GA
18 ..... Gr. Jax HF Hamfest, JACKSONVILLE, FL
18* ..... Hamfest, OAK RIDGE, TN
25* ..... HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
25* ..... Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
26* ..... Massillon ARC Hamfest, CANTON, OH

2004 CONFIRMED DATES

July 17 ..... Mid-Summer Swapfest, CARY, NC

SQUELCHTALE

Gary Pearce
KN4AQ
Editor

If you're one of those people who begins reading magazines from the back, then welcome to the *Repeater Journal!* Everybody else... by now, you've noticed a few changes. Wayne promised you'd see some, and I'm delivering. There will be more as time goes by. Wayne also promised that we would not change the fact that the *Repeater Journal* provides unequaled coverage of FM and Repeater oriented Amateur Radio in the Southeast. That's another promise I intend to keep, with your help.

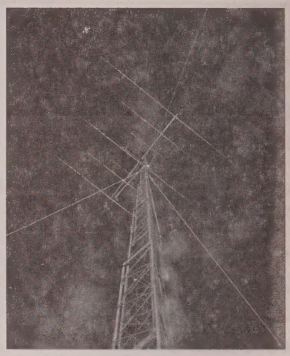
So... **SQUELCHTALE**. What's that all about? It's a simple play on the phrase squelch tail. You know, the last sound you hear after an FM transmission - the last page in the *Repeater Journal*. Clever, eh? If you think so, I must admit I didn't invent it. It was the name of a newsletter I inherited back in the 70's, for the Chicago FM Club (if you're ever in Chicago, key up 146.76 and see if anyone remembers me. My old call was WA9NSO).

When I redesigned the opening pages of the Journal, I designed my way right out of an editorial space. Well, we can't have that! Though I've sometimes thought it odd that just because I can wield a publishing program on a computer and make fonts and graphics dance to my command (most of the time), anyone would care at all about what I had to say about Amateur Radio. But that's the way it is! I inherited that, too, from Wayne.

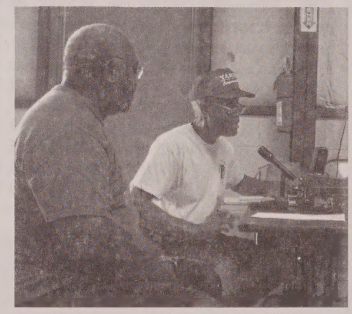
So, what do I have to say? Nothing. I don't have room, because I want to run a bunch of pictures I took on the *Repeater Journal Field Day Tour* last June. It was a great day for me, driving around eastern NC, operating HF mobile, and dropping in on Field Day sites. I got a warm welcome everywhere.

Maybe next month I'll have some room to spout off. Just one last thing - **WELCOME** to our new *RJ* writers! New correspondents in Virginia and Kentucky, and a new *Getting Started* columnist. We're lookin' good! 73!

This drawing was on the sign at the entrance to the Pamlico County FD site. I don't know who the artist is, but they have the FD spirit!



A nighttime time-exposure of the beam at the Capitol ARS site in Knightdale



On the air at the Williamston FD operation, with several stations spread out around the Farmer's Market building.

The Tar River ARC from Rocky Mount had not one, but TWO huge bucket trucks supporting beam antennas.

***Below:** a junior op at the New Bern ARC station in Union Park, downtown.*

***Above:** the Brightleaf ARC group in Greenville operated from a very public space next to a Lowes home center.*

***Below:** the Franklin County ARC site was my first stop on the Tour.*

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2 meters

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